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April 15, 2005

Mary L. Cottrell, Secretary
Department of Telecommunications and Energy
One South Station
Boston, MA 02110

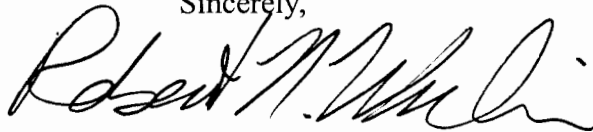
Re: D.T.E. 04-114, Cambridge Electric Light Company and Commonwealth
Electric Company – 2004 Reconciliation Filing

Dear Secretary Cottrell:

Enclosed for filing in the above-referenced matter are the responses to the Information Requests set forth on the accompanying list.

Thank you for your attention to this matter.

Sincerely,

A handwritten signature in black ink, appearing to read "Robert N. Werlin", written in a cursive style.

Robert N. Werlin

Enclosures

cc: Service List

Responses to Information Requests

Information Request AG-2-4

Information Request AG-2-5 (Bulk Attachment)

Information Request AG-2-10

Information Request AG-2-13

Information Request AG-3-2 (Bulk Attachments)

Information Request AG-2-4

Refer to the response to AG-1-[1]8. What regulatory entity authorized the Mirant Kendall Station congestion charges? What actions did the Company take to mitigate these charges? Include all documentation supporting the Company's mitigation efforts. Identify all other entities that are responsible for paying the Mirant Kendall Station congestion charges. What actions did the other entities take to mitigate these costs.

Response

In reference to the response to Information Request AG-1-18, the FERC authorized the charges associated with providing Special Constraint Resource Service and RMR charges for Cambridge by approving Schedule 19 of the NEPOOL OATT and by its November 26, 2004 Order on the Mirant RMR Agreement, respectively. Cambridge takes several actions to mitigate these costs. Operationally, Cambridge calls on the unit only when absolutely needed to protect local system reliability. At the FERC, NSTAR intervened when Mirant filed its RMR Agreement, arguing against the cost being proposed and has been actively involved in settlement discussion with Mirant, as described in the response to Information Request AG-2-5. Lastly, Cambridge is currently constructing a substation, referred to in the response to Information Request AG-2-7, that will eliminate reliance on this generation for reliability support.

Cambridge is not aware of any other parties responsible for paying Mirant Kendall Station "congestion" costs or of any actions taken by other parties to mitigate such costs.

Information Request AG-2-5

Please provide a copy of all documents filed in the FERC docket ER05-26. Provide a synopsis of the proceedings to date and the current status of the case.

Response

[BULK ATTACHMENT]

Please refer to Attachment AG-2-5 for copies of documents filed to date in FERC Docket No. ER05-26. The synopsis of the FERC proceedings and status of the current case is as follows:

- October 7, 2004 (Attachment AG-2-5, at 1-136): Mirant Kendall, LLC and Mirant Americas Energy Marketing, L.P. (collectively, Mirant) file an unexecuted Reliability Must Run (“RMR”) Agreement between Mirant and ISO-NE concerning Mirant Kendall’s 19 megawatt steam turbine, 22 megawatt steam turbine and 20 megawatt jet turbine located at Kendall Station, in Cambridge, and request an October 8, 2004 effective date.
- October 13, 2004 (Attachment AG-2-5, at 137): FERC Order of Notice issued.
- October 27 – November 5, 2004: Parties file motions to intervene: NSTAR Electric & Gas Corporation (“NSTAR”) (Attachment AG-2-5, at 138-166), USGEN New England, Inc. (Attachment AG-2-5, at 167-170), Massachusetts Attorney General’s Office (Attachment AG-2-5, at 171-175), ISO-NE (Attachment AG-2-5, at 176-180), NEPOOL Participants Committee (Attachment AG-2-5, at 181-188), PSEG Energy Resources (Attachment AG-2-5, at 189-192) and Milford Power Co. LLC (Attachment AG-2-5, at 193-196). NSTAR also protested the rate and asked FERC to suspend the effective date by seven months and set the issue for hearing. NSTAR filed an affidavit, with supporting documentation in support of its positions.
- November 12, 2004 (Attachment AG-2-5, at 197-210): Answer of Mirant to intervention and protest of NSTAR.
- November 26, 2004 (Attachment AG-2-5, at 211-222): Order, the Commission accepts and suspends the RMR Agreement, as modified, granting a waiver of the 60-day notice requirement; allows the Agreement to become

effective October 8, 2004; sets the proposed rates for hearing; and holds the hearing in abeyance so that the parties may engage in settlement discussions.

- December 2, 2004 (Attachment AG-2-5, at 223): Chief Judge appoints Issac Benkin as the Settlement Judge, who holds formal settlement conferences in December, 2004 and January, 2005.
- December 3, 2004 (Attachment AG-2-5, at 224): Settlement Judge orders Mirant and NSTAR to exchange information.
- December 27, 2004 (Attachment AG-2-5, at 225-235): NSTAR files a Request for Rehearing, seeking rehearing of the November 26 Order as to the Commission's grant of waiver of the 60-day prior notice requirement and the rejection of NSTAR's request for third-party beneficiary status, auditing rights and revision of the performance penalty.
- January 11, 2005 (Attachment AG-2-5, at 236-243): Mirant files an Answer to the NSTAR Request for Rehearing.
- January 26, 2005 (Attachment AG-2-5, at 244): FERC Order Granting Rehearing for Further Consideration is issued in order to afford additional time for consideration of the matters raised.
- January 28, 2005 (Attachment AG-2-5, at 245): The Settlement Judge issues a report to the Commissioners and the Chief Judge on the status of the settlement, indicating Mirant Kendall and NSTAR agreed on the substance of a term sheet and recommending that the settlement period be extended at least another 60 days.
- January 28, 2005 (Attachment AG-2-5, at 246): Chief Judge issues an Order extending the settlement as requested.
- March 8, 2005 (Attachment AG-2-5, at 247-253): FERC issues Order denying NSTAR's Request for Rehearing.
- April 7, 2005 (Attachment AG-2-5, at 254): Chief Judge issues status report indicating that NSTAR and Mirant have agreed to specific language for a revised RMR Agreement, which, if executed and approved, would resolve all the issues in the case. The revised language will be reviewed by the ISO and FERC Trial Staff.

- April 7, 2005 (Attachment AG-2-5, at 255): The Chief Judge issued an Order continuing the Settlement procedures until June 7, 2005, based on the progress made to date.

Information Request AG-2-10

Refer to Exhibits CAM-CLV-3(Supp.), p. 1 and COM-CLV-3(Supp.), p.1. Are any of the costs included in line 11(Retail Schedule & Dispatch Cost) of the exhibits, also included in the amount shown on line 1 (Monthly Transmission Revenue Requirement (OATT)) of the exhibits? If yes, please provide such amounts for the years 1998-2004. If no, was this true in 2003 based on Exhibits CAM and COM-JFL-3 (Supp), p. 2, filed in DTE 03-118? If it was true in 2003, please provide the amount of such costs for the years 1998-2003.

Response

The costs shown on line 11 (Retail Schedule & Dispatch Cost – Account 561140) of the specified schedules are a component of the Open Access Transmission Tariff revenue requirement shown on line 1. Please refer to Attachment AG-2-10 for the amount of such costs for the years 1998 – 2004.

NSTAR Electric
Scheduling and Dispatch Expenses
Account 561140

<u>Year</u>	<u>Commonwealth</u>	<u>Cambridge</u>
1998	\$ 584,000	\$ 229,000
1999	771,000	290,000
2000	829,000	316,000
2001	637,000	432,000
2002	952,000	392,000
2003	1,126,000	417,000
2004	<u>1,190,000</u>	<u>436,000</u>
Total	\$ <u>6,089,000</u>	\$ <u>2,512,000</u>

Information Request AG-2-13

Regarding the March 29, 2005 transmission tariff filing referred to above. Please provide all supporting workpapers, calculations and documentation related to Exhibit NS-4.

Response

Attachment AG-2-13(a) sets forth the workpapers for the Companies' actual cost for the year 2004.

Attachment AG-2-13(b) sets forth the workpapers for the Companies' proposed costs for the year 2004.

Attachment AG-2-13(a)

Cambridge Electric Light Company
Annual Revenue Requirements of Transmission Facilities
for costs in 2004

Shading denotes an input

Network Integration Transmission D.T.E. 04-114

ACTUAL Attachment AG-2-13(a)

Page 1 of 20

		Attachment H		
		Reference	Cambridge	Reference
Line No. I. INVESTMENT BASE		Section:		
1	Transmission Plant	I (A)(1)(a)	79,003,756	Worksheet 3, line 1 column 5
2	General Plant	I (A)(1)(c)	732,528	Worksheet 3, line 2 column 5
3	Plant Held For Future Use	I (A)(1)(d)	0	Worksheet 3, line 4 column 5
4	Total Plant (Lines 1+2+3)		79,736,284	
5	Accumulated Depreciation & Amortization	I (A)(1)(e)	26,351,507	Worksheet 3, line 7 column 5
6	Accumulated Deferred Income Taxes	I (A)(1)(f)	11,144,691	Worksheet 3, line 10 column 5
7	Loss On Reacquired Debt	N/A	0	Worksheet 3, line 11 column 5
8	Other Regulatory Assets	N/A	0	Worksheet 3, line 14 column 5
9	Net Investment (Line 4-5-6+7+8)		42,240,086	
11	Materials & Supplies	I (A)(1)(g)	326,958	Worksheet 3, line 16 column 5
12	Prepayments	I (A)(1)(h)	197,621	Worksheet 3, line 15 column 5
13	Cash Working Capital	I (A)(1)(i)	848,529	Worksheet 3, line 23 column 5
14	Total Investment Base (Line 9+11+12+13)		43,613,194	
II. REVENUE REQUIREMENTS				
15	Investment Return and Income Taxes	I (A)(2)	6,900,405	Worksheet 2
16	Depreciation & Amortization Expense	I (B)	2,107,659	Worksheet 4, line 3 column 5
17	Amortization of Loss on Reacquired Debt	N/A	0	Worksheet 4, line 4 column 5
18	Investment Tax Credit	I (C)	(27,632)	Worksheet 4, line 5 column 5
19	Property Taxes	I (D)	862,408	Worksheet 4, line 8 column 5
19.5	Other Taxes (Payroll Taxes Re-Classified)	I (E)	70,949	Worksheet 4, line 17 column 5
20	Trans. Operation & Maintenance Expense	I (F)	557,954	Worksheet 4, line 9 minus line 10 column 5
21	Administrative & General Expense	I (G)	1,370,921	Worksheet 4, line 15 column 5
22	Transmission Related Distribution O&M Expenses	I (H)	1,224,855	Worksheet 4, line 10a column 5
23	Transmission By Others Expense	I (I)	3,634,500	Worksheet 7
24	Transmission Related Expense from Generators	N/A	0	
25	Transmission Related Taxes and Fees Charge	N/A	0	
26	Transmission Revenue Credits for Network Integr.	II	(1,014,513)	Acct 456 Belmont Revenues
27	Trans. Rents Received from Electric Property	N/A	(502,664)	Acct 454
28	RNS & Through or Out Revenues received		(\$3,379,919)	Mirant Kendall Facilities
29	Total OATT Revenue Requirements (Line 15 thru 28)		11,804,922	

dge Electric Light Company (CEC)
 Annual Revenue Requirements
 for costs in 2004

LNS Revenue Requirements
 Worksheet 2a of 8

D.T.E. 04-114
 Attachment AG-2-13(a)
 Page 2 of 20

it

CAPITALIZATION 12/31/04	CAPITALIZATION RATIOS	COST OF CAPITAL	COST OF CAPITAL	EQUITY PORTION
\$ 25,000,000	22.35%	7.90%	1.77%	
0	0.00%	0.00%	0.00%	0.00%
86,842,536	77.65%	11.00%	8.54%	8.54%
\$ 111,842,536	100.00%		10.31%	8.54%

RC Form 1
 Schedule for col (1)

Set 5, Cell E16
 7.83(b&g avg)

4 and fixed capital acct 105 (beg & yr avg)

Set 5, Cells D102+D139+D152
 Set 9, Cell C144

0.1031	
(R.O.E. + (Inv. (Tax Credit + Eq. AFUDC of Deprec. Exp) / Inv. Base)) x Federal Income Tax Rate)	
(1 - Federal Income Tax Rate)	
(0.0854 + (0 + 0) / 43,613,194) x 0.35)	
(1 - 0.35)	

4.2-275.2(b&k avg)
 licable

licable

0.0459846	
(R.O.E. + (Inv. (Tax Credit + Eq. AFUDC of Deprec. Exp) / Inv. Base)) + Federal Income Tax) * State Income Tax Rate	
(1 - State Income Tax Rate)	
(0.0854 + (0 + 0) / 43,613,194) + 0.0459846) * 0.065	
(1 - 0.065)	

licable
 licable
 licable

0.46(c&d avg)

Set 9, Cell D171

0.0091337

Set 1, Line 20
 Set 1, Line 21
 Set 1, Line 24

0.1582183

io

(LNS)

\$ 43,613,194

0.1582183

tes 6,900,405

for
 es 12 and 13.

Shading denotes an input

Line No.	(1) Total	(2) Wage/Plant Allocation Factors	(3) = (1)*(2) Transmission Allocated	(4) LNS Allocation Factor (b)	(5) = (3)*(4) LNS Allocated	FERC Form 1 Reference for col (1)
Depreciation Expense						
1	2,089,673		2,089,673	100.0000%	2,089,673	Worksheet 5, Cells D197+D234+D248
2	86,078	20.8954% (a)	17,986	100.0000%	17,986	Worksheet 10, Cell C239
3			2,107,659		2,107,659	
Amortization of Loss on Reacquired Debt						
4	0	48.5188% (c)	0	100.0000%	0	Not Applicable
Amortization of Investment Tax Credits						
5	56,952	48.5188% (c)	27,632	100.0000%	27,632	Page 266.8f
Property Taxes						
6	1,762,693	48.9256%	862,408	100.0000%	862,408	Page 263.6i
7	0	20.8954% (a)	0	100.0000%	0	
8			862,408		862,408	
Transmission Operation and Maintenance						
9	4,192,454		4,192,454	1	4,192,454	Worksheet 8, Cell F36
10	3,634,500		3,634,500	1	3,634,500	Worksheet 8, Cell F27
10a	1,224,855		1,224,855	1	1,224,855	Worksheet 8, Cell F56
11	1,782,808		557,954	100.0000%	1,782,809	
Transmission Administrative and General						
13	6,655,902					Page 323.168b or worksheet 9, cell E94
14	95,026					Page 323.162b or worksheet 9, cell E80
15	6,560,876	20.8954% (a)	1,370,921	100.0000%	1,370,921	
16	339,543	20.8954% (a)	70,949	100.0000%	70,949	Footnote (d)

(a) Worksheet 5 of 8, line 11

(b) Worksheet 5 of 8, line 3

(c) Worksheet 5 of 8, line 14

(d) Payroll taxes FERC Form 1, page 263.i, 263.1i

Federal Unemployment	0	
FICA	0	
Medicare	0	
State Unemployment	0	
Environmental	0	
State Universal Health	0	
Services Co. Allocation & A&G Capit.	339,543	change
Total	339,543	

Shading denotes an input

Line No.	Plant Investments reflect Beginning and Year end Averages		FERC Form 1 Reference
<u>LNS Transmission Plant Allocation Factor</u>		<u>Cambridge</u>	
1	Transmission Investment	28,838,981	Worksheet 9, cell D25
	plus 13.8kv Distribution Investment Categorized as Trans.	50,164,775	Worksheet 9, cell D66
1a		79,003,756	
2	Transmission Investment	28,838,981	Worksheet 9, cell D25
	plus 13.8kv Distribution Investment Categorized as Trans.	50,164,775	Worksheet 9, cell D66
2a		79,003,756	
3	Percent Allocation (line 1a/2a)	100.0000%	
<u>Transmission Wages and Salaries Allocation Factor</u>			
4	Direct Transmission Wages and Salaries	761,389	Worksheet 8, cell G70
5	Affiliated Company Transmission Wages and Salaries	0	Worksheet 6 of 8
6	Total Transmission Wages and Salaries (line 4+ 5)	761,389	
7	Total Wages and Salaries	5,049,966	Page 354.25b +line 5
8	Administrative and General Wages and Salaries	1,406,154	Page 354.24b
9	Affiliated Company Wages and Salaries less A&G	0	Worksheet 6 of 8
10	Total Wages and Salaries net of A&G (line 7 - 8 + 9)	3,643,812	
11	Percent Allocation (line 6/10)	20.8954%	
<u>Plant Allocation Factor</u>			
12	Total Transmission Investment	79,003,756	Cell E16
	plus Transmission-Related General Plant (Line 2 of Wkst. 3)	732,528	Worksheet 9, Cell D69
12 Rev	= Revised Numerator	79,736,283	
13	Total Plant in Service (INCLUDING General Plant)	164,341,170	Page 207.88(b&g avg)
14	Percent Allocation (line 12 Rev / 13)	48.5188%	
<u>NET Transmission Plant Allocation Factor</u>			
15	Gross Transmission Investment (Including General Plant)	79,736,283	Line 12 REV
16	Less Accum. Prov. for Trans. Depr. & Amort. (inc gen plt)	(26,351,507)	Worksheet 9, Cell D155
17	Net Transmission Investment	53,384,776	
18			
19	Net Transmission Investment	53,384,776	
20	Total Plant in Service	164,341,170	Line 13
21	Less Accum. Prov. for Depreciation & Amortization	(55,226,895)	Worksheet 9, Cell C155
22	Net Plant investment	109,114,275	
23	Percent Allocation (line 19/22)	48.9256%	

Affiliated Company Wages and Salaries

Shading denotes an input

Line		Cambridge	#REF!	#REF!
"Affiliated" Transmission Wages and Salaries				
#560 - 573				
1	560	0	0	0
2	562	0	0	0
3	564	0	0	0
4	566	0	0	0
5	568	0	0	0
6	569	0	0	0
7	570	0	0	0
8	571	0	0	0
9	572	0	0	0
10	573	0	0	0
11 = 1 thru 10	Total Transmission	0	0	0
12 =	Total "Affiliated" Wages and Salaries	0	0	0
Less "Affiliated" Administrative and General Salaries				
#920 - 935				
13	920	0	0	0
14	921	0	0	0
15	923	0	0	0
16	925	0	0	0
17	926	0	0	0
18	928	0	0	0
19	930	0	0	0
20	935	0	0	0
21 = 13 thru 20		0	0	0
22 = 12 less 21	Total "Affiliated" less A&G	0	0	0

CAMBRIDGE ELECTRIC LIGHT COMPANY
2004 TRANSMISSION ACCOUNT 965 EXPENSES

COMPANY	TOTAL SUPPORT PAYMENTS	WHEELING PAYMENTS	ISO PAYMENTS	LOCAL NETWORK SERVICE PAYMENTS	TOTAL	LNS directly connected support and wheeling expenses
BOSTON EDISON						
CANAL 1 TRANSFER (WHEELING)		\$0			\$0	
SOMERVILLE ST. #402 (SUPPORT)	\$288,000				\$288,000	\$288,000
SOMERVILLE ST. #509 (SUPPORT)	\$3,346,500				\$3,346,500	\$3,346,500
NON-FIRM (MISC) (WHEELING)					\$0	
TOTAL BOSTON EDISON	\$3,634,500	\$0			\$3,634,500	\$3,634,500
COMMONWEALTH ELECTRIC (SUPPORT)						

LINE #331 EQUALIZER	\$146,173				\$146,173	
CANAL LINE SECTION A&B	\$142,912				\$142,912	
TOTAL COMMONWEALTH ELECTRIC	\$289,085	\$0			\$289,085	
CANAL ELECTRIC (SUPPORT)						

HYDRO QUEBEC 1 N.E.E.T	\$53,454				\$53,454	
HYDRO QUEBEC 1 V.E.T	\$51,659				\$51,659	
HYDRO QUEBEC 2	\$694,954				\$712,952	
SEABROOK 1	\$0				\$0	
TOTAL CANAL ELECTRIC	\$800,068	\$0			\$800,068	
ISO NEW ENGLAND						

SYSTEM RESTORATION(Blackstart)			\$94,004		\$94,004	
THROUGH OR OUT EXPENSE			\$0		\$0	
REGIONAL NETWORK SERVICE			\$5,214,143		\$5,214,143	
CONGESTION MGT CHARGES			\$11,002,378		\$11,002,378	
PHASE I & II UPLIFT CHARGES			\$0		\$0	
TOTAL ISO EXPENSE	\$0	\$0	\$16,310,526		\$16,310,526	
LOCAL NETWORK SERVICE CHARGE						
LOCAL NETWORK SERVICE CHARGE				\$0	\$0	
TOTAL TRANSMISSION PAYMENTS	\$4,723,652	\$0	\$16,310,526	\$0	\$21,034,178	\$3,634,500

CAMBRIDGE ELECTRIC LIGHT COMPANY
2004 TRANSMISSION ACCOUNT 456 REVENUES RECEIVED

COMPANY	TOTAL SUPPORT REVENUE	WHEELING REVENUE	ISO REVENUES	LOCAL NETWORK SERVICE REVENUE	TOTAL	Support & Wheeling revenues received from use of directly connected facilities
Municipals		\$1,203,151			\$1,203,151	
Belmont		\$1,014,513			\$1,014,513	\$1,014,513
MBTA		\$188,638			\$188,638	
<u>ISO NEW ENGLAND REVENUE</u>						
NEW ENGLAND POWER POOL (EHV-PTF)			\$0			
REGIONAL TRANSMISSION REVENUES			\$3,379,919			
NEPOOL Scheduling and Dispatch			\$0			
THROUGH OR OUT REVENUES			\$0			
TOTAL ISO NEW ENGLAND REVENUE			\$3,379,919		\$3,379,919	
LOCAL NETWORK SERVICE REVENUE					\$0	
GRAND TOTAL	\$0	\$1,203,151	\$3,379,919	\$0	\$4,583,071	\$1,014,513

Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004

The COS Data Link inputs data directly from Revenue Requirements COS models

O&M Expenses	Labor (1)	Non Labor (2)	Total O&M (3)	Transmission & Dist. 13.8kv O&M (4)=(3)*Plant Ratios	Transmission & Dist. 13.8kv Labor (5)=(1)* O&M ratios
500 FERC Operation Supervision and Engineering	\$0	\$0	\$0		
501 FERC Summary Fuel	\$0	\$0	\$0		
502 FERC Summary Steam Expenses	\$0	\$0	\$0		
504 FERC Less Steam Transferred-Credit	\$0	\$0	\$0		
505 FERC Summary Electric Expense	\$0	\$0	\$0		
506 FERC Summary Misc. steam Power	\$0	\$0	\$0		
513 FERC Summary Maintenance of EI	\$0	\$0	\$0		
555 FERC Summary Purchased Power 5	\$0	\$88,516,915	\$88,516,915		
556 FERC Summary System Control &	\$26,431	\$1,660	\$28,091		
557 FERC Summary Other Expenses 55	\$0	\$6,520,485	\$6,520,485		
Production Total					
560 FERC Summary Operation, Superv	\$46,575	(\$11,001)	\$35,574	\$35,574	\$46,575
561 FERC Summary Load Dispatching	\$24,986	\$435,896	\$460,882	\$460,882	\$24,986
562 FERC Summary Station Expenses	\$2,376	\$1,377	\$3,753	\$3,753	\$2,376
563 FERC Summary Overhead Line Exp	\$0	\$2,721	\$2,721	\$2,721	\$0
564 FERC Summary Underground Line	\$0	\$2,642	\$2,642	\$2,642	\$0
565 FERC Summary Transmission of E	\$0	\$21,034,178	\$21,034,178	\$3,634,500	\$0
566 FERC Summary Misc. Transmissio	\$0	\$5,871	\$5,871	\$5,871	\$0
567 FERC Summary Rents	\$0	\$0	\$0	\$0	\$0
568 FERC Summary Maintenance, Supervision	\$24,549	\$0	\$24,549	\$24,549	\$24,549
569 FERC Summary Maintenance of Structures	\$0	\$0	\$0	\$0	\$0
570 FERC Summary Maintenance of station equip	\$2,761	\$357	\$3,118	\$3,118	\$2,761
571 FERC Summary Mainten. of overhead lines	\$0	\$15,137	\$15,137	\$15,137	\$0
572 FERC Summary Mainten. of Undergr. Lines	\$3,695	\$13	\$3,708	\$3,708	\$3,695
573 FERC Summary Maintenance of Misc. Plt.	\$0	\$0	\$0	\$0	\$0
Transmission Total					
580 FERC Summary Operation, Superv	\$104,942	\$21,487,190	\$21,592,132	\$4,192,454	\$104,942
581 FERC Summary Load Dispatching	\$303,145	(\$24,425)	\$278,721	\$64,874	\$70,559
582 FERC Summary Station Expenses	\$142,602	\$4,665	\$147,267	\$56,641	\$54,847
583 FERC Summary Overhead Line Exp	\$299,867	\$255,408	\$555,275	\$223,483	\$120,688
584 FERC Summary Underground Line	\$206,560	\$59,052	\$265,612		\$0
585 FERC Summary Street Lighting &	\$263,747	\$150,578	\$414,325	\$216,468	\$137,797
586 FERC Summary Meter Expenses 58	\$5,998	\$773	\$6,771		\$0
587 FERC Summary Customer Install	\$293,232	\$76,883	\$370,115		\$0
588 FERC Summary Misc. Distributio	\$68,832	(\$8,427)	\$60,406		\$0
589 FERC Summary Rents 589	(\$86,942)	\$87,761	\$819	\$334	(\$35,445)
	\$0	\$546,479	\$546,479	\$222,792	\$0

*

590 FERC Summary Supv & Engineering	\$205,836	(510)	\$205,826	\$88,144	\$88,148
591 FERC Summary Maintenance of St	\$45,969	\$3,486	\$49,455	\$47,867	\$44,493
592 FERC Summary Maint of Station	\$119,115	\$14,680	\$133,794	\$53,849	\$47,940
593 FERC Summary Maint of Overhead	\$102,573	\$61,972	\$164,545		\$0
594 FERC Summary Maint of Undergr. Lines	\$243,857	\$192,513	\$436,369	\$227,985	\$127,405
595 FERC Summary Maint of Line Transformers	\$0	\$1	\$1		\$0
596 FERC Summary Maint of Street Lighting	\$1,832	(\$688)	\$1,144		\$0
597 FERC Summary Meters	\$0	\$1	\$1		\$0
598 FERC Summary Maint of Misc Distribution	\$35	\$54,952	\$54,987	\$22,418	\$14
Distribution Total	\$2,216,259	\$1,475,653	\$3,691,912	\$1,224,855	\$656,447
901 FERC Summary Supervision 901	\$74,133	\$2,502	\$76,635		
902 FERC Summary Meter Reading Exp	\$225,206	\$120,730	\$345,936		
903 FERC Summary Customer Records	\$455,944	\$798,217	\$1,254,161		
904 FERC Summary Uncollectable Acc	\$0	\$151,401	\$151,401		
905 FERC Summary Misc. Customer Ac	\$6	\$64,220	\$64,226		
907 FERC Summary Supervision	\$1	\$0	\$1		
908 FERC Summary Customer Assistan	\$361,945	\$3,736,765	\$4,098,711		
909 FERC Summary Informational & I	\$0	\$18,257	\$18,257		
910 FERC Summary Misc. Customer Se	\$139,415	\$103,566	\$242,981		
911 FERC Summary Supervision 911	\$37,354	\$1,662	\$39,016		
912 FERC Summary A/C 912	\$1,942	\$57	\$1,999		
913 FERC Summary A/C 913	\$0	\$1	\$1		
916 FERC Summary Misc. Sales Expen	\$234	\$10,733	\$10,967		
Total (excl. A & G)	\$3,643,812	\$123,010,015	\$126,653,827	\$5,417,308	\$761,389
Administrative and General					
920 FERC Summary Admin & General S	\$1,696,959	\$313,278	\$2,010,237	\$420,047	\$354,586
921 FERC Summary Office Supplies &	(\$337)	\$328,153	\$327,816	\$68,498	(\$70)
922 FERC Summary Admin Expenses Tr	(\$291,232)	(\$131,220)	(\$422,452)	-\$88,273	(\$60,854)
923 FERC Summary Outside Services	\$0	\$281,087	\$281,087	\$58,734	\$0
924 FERC Summary Property Insuranc	\$0	\$22,466	\$22,466	\$4,694	\$0
925 FERC Summary Injuries & Damage	\$0	\$413,844	\$413,844	\$86,474	\$0
926 FERC Summary Employee Pension	\$764	\$3,265,669	\$3,266,433	\$682,534	\$160
928 FERC Summary Regulatory Commis	\$0	\$457,318	\$457,318	\$95,558	\$0
930.1 FERC Summary Gen. Ad Expens	\$0	\$95,026	\$95,026	\$0	\$0
930.2 FERC Summary Misc. General Expens	\$0	\$27,739	\$27,739	\$5,796	\$0
931 FERC Summary Rents 931	\$0	\$176,388	\$176,388	\$36,857	\$0
935 FERC Summary Maint of General	\$0	\$0	\$0	\$0	\$0
Total A&G	\$1,406,154	\$5,249,747	\$6,655,902	\$1,390,777	\$293,821
Total	\$5,049,966	\$128,259,763	\$133,309,729	\$6,808,085	\$1,055,210
Administrative and General Allocation			\$1,370,921		

*

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004**

Plant Data Link (data is NOT YET linked to Power Plant)

PLANT IN SERVICE (Begin & Yr end Avg)	Total	Transmission & Dist. 13.8kv
INTANGIBLE PLANT		
303-MISC. INTANGIBLE PLANT	\$1,567,902	
TOTAL INTANGIBLE PLANT	1,567,902	
PRODUCTION PLANT		
314-GENERATORS	-	
315-ACCESSORY ELECTRIC EQUIPMENT	-	
TOTAL PRODUCTION PLANT	-	
TRANSMISSION PLANT		
350-LAND AND LAND RIGHTS	314,753	314,753
352-STRUCTURES AND IMPROVEMENTS	6,549,832	6,549,832
353-STATION EQUIPMENT	6,788,544	6,788,544
354-TOWERS AND FIXTURES	-	-
355-POLES AND FIXTURES	36,955	36,955
356-OH CONDUCTORS AND DEVICES	-	-
357-UNDERGROUND CONDUIT	6,153,760	6,153,760
358-UNDERGROUND CONDUCTORS AND DEVICES	8,995,138	8,995,138
359-ROADS AND TRAILS	-	-
TOTAL TRANSMISSION PLANT	28,838,981	28,838,981
DISTRIBUTION PLANT		
360-LAND AND LAND RIGHTS		
13.8Kv	113,977	113,977
PRIMARY	125,010	
TOTAL ACCOUNT 360	238,987	
361-STRUCTURES AND IMPROV.		
13.8Kv	2,224,596	2,224,596
PRIMARY	73,785	
TOTAL ACCOUNT 361	2,298,381	
362-STATION EQUIPMENT		
13.8Kv	15,358,973	15,358,973
PRIMARY	4,272,202	
SECONDARY	18,530,400	
TOTAL ACCOUNT 362	38,161,575	
364-POLES, TOWERS, FIXTURES		
PRIMARY CAPACITY	1,517,257	
SECONDARY CAPACITY	1,303,388	
TOTAL ACCOUNT 364	2,820,645	
365-OVERHEAD CONDUCTORS		
PRIMARY CAPACITY	3,447,338	
SECONDARY CAPACITY	2,588,759	
TOTAL ACCOUNT 365	6,036,097	
366-UNDERGROUND CONDUIT		
13.8Kv	8,726,592	8,726,592
PRIMARY	3,575,706	
SECONDARY	5,806,175	

TOTAL ACCOUNT 366	18,108,473	
367-UNDERGROUND CONDUCTORS		
13.8Kv	23,740,637	23,740,637
PRIMARY	9,044,244	
SECONDARY	11,249,745	
TOTAL ACCOUNT 367	44,034,626	
368-LINE TRANSFORMERS		
CAPACITY COMPONENT	4,285,682	
TOTAL ACCOUNT 368	4,285,682	
369-SERVICES		
CUSTOMER COMPONENT	7,062,973	
TOTAL ACCOUNT 369	7,062,973	
370-METERS	3,596,494	
373-STREET LIGHTING	3,784,665	
TOTAL DISTRIBUTION PLANT	130,428,598	50,164,775
GENERAL PLANT		
389-399 GENERAL PLANT		
TRANSMISSION (INC 13.8KV) COMPONENT	732,528	732,528
OTHER COMPONENT	2,773,161	
TOTAL GENERAL PLANT	3,505,689	
TOTAL PLANT IN SERVICE (exc Gen Plt)	160,835,481	79,003,756
TOTAL PLANT IN SERVICE	164,341,170	79,736,283

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004**

Beginning and Year end Average from Power plant

ACCUMULATED PROVISION FOR DEPRECIATION	Total	
INTANGIBLE PLANT		
303-MISC. INTANGIBLE PLANT	-	-
TOTAL INTANGIBLE PLANT	-	-
PRODUCTION PLANT		
314-GENERATORS	-	-
315-ACCESSORY ELECTRIC EQUIPMENT	-	-
TOTAL PRODUCTION PLANT	-	-
TRANSMISSION PLANT		
352-STRUCTURES AND IMPROVEMENTS	1,691,729	1,691,729
353-STATION EQUIPMENT	2,996,713	2,996,713
354-TOWERS AND FIXTURES	-	-
355-POLES AND FIXTURES	14,065	14,065
356-OH CONDUCTORS AND DEVICES	-	-
357-UNDERGROUND CONDUIT	1,832,887	1,832,887
358-UNDERGROUND CONDUCTORS AND DEVICES	2,072,865	2,072,865
359-ROADS AND TRAILS	-	-
TOTAL TRANSMISSION PLANT	8,608,259	8,608,259

DISTRIBUTION PLANT

361-STRUCTURES AND IMPROV.		
13.8Kv	1,351,014	1,351,014
PRIMARY	44,810	
TOTAL ACCOUNT 361	1,395,825	1,351,014
362-STATION EQUIPMENT		
13.8Kv	6,740,998	6,740,998
PRIMARY	1,875,054	
SECONDARY	8,132,926	
TOTAL ACCOUNT 362	16,748,979	6,740,998
364-POLES, TOWERS, FIXTURES		
PRIMARY CAPACITY	728,138	
SECONDARY CAPACITY	625,502	
TOTAL ACCOUNT 364	1,353,640	
365-OVERHEAD CONDUCTORS		
PRIMARY CAPACITY	1,195,523	
SECONDARY CAPACITY	897,772	
TOTAL ACCOUNT 365	2,093,295	
366-UNDERGROUND CONDUIT		
13.8Kv	4,018,689	4,018,689
PRIMARY	1,646,651	
SECONDARY	2,673,806	
TOTAL ACCOUNT 366	8,339,146	4,018,689
367-UNDERGROUND CONDUCTORS		
13.8Kv	5,641,352	5,641,352
PRIMARY	2,149,132	
SECONDARY	2,673,213	
TOTAL ACCOUNT 367	10,463,697	5,641,352
368-LINE TRANSFORMERS		
CAPACITY COMPONENT	1,772,710	
TOTAL ACCOUNT 368	1,772,710	
369-SERVICES		
CUSTOMER COMPONENT	2,757,238	
TOTAL ACCOUNT 369	2,757,238	
370-METERS	(371,724)	
373-STREET LIGHTING	1,656,412	
TOTAL DISTRIBUTION PLANT	46,209,218	17,752,054
GENERAL PLANT DEPRECIATION		
389-399 GENERAL PLANT		
TRANSMISION (INC 13.8KV) COMPONENT	-8,806	-8,806
OTHER COMPONENT	-33,335	
TOTAL GENERAL PLANT	-42,141	-8,806
 TOTAL ACCUM. PROVISION FOR DEPRECIATION	 54,775,336	 26,351,507
 ACCUMULATED AMORTIZATION		
TRANSMISION (INC 13.8KV) COMPONENT	-	-
OTHER COMPONENT	451,559	
TOTAL ACCUMULATED AMORTIZATION	451,559	-

TOTAL ACCUM. DEPRECIATION AND AMORTIZATION

55,226,895

26,351,507

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004**

Beginning and Year end Average

ADDITIONS TO RATE BASE

Total

WORKING CAPITAL

MATERIALS AND SUPPLIES

TRANSMISSION & DISTRIBUTION

639,799

326,958

OTHER INVESTMENTS

-

0

TOTAL MATERIALS AND SUPPLIES

639,799

326,958

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004**

Beginning and Year end Average from Power plant

DEPRECIATION EXPENSE

Total

INTANGIBLE PLANT

303-MISC. INTANGIBLE PLANT

-

TOTAL INTANGIBLE PLANT - DEPR EXP

-

PRODUCTION PLANT

314-GENERATORS

-

315-ACCESSORY ELECTRIC EQUIPMENT

-

TOTAL PRODUCTION PLANT - DEPR EXP

-

TRANSMISSION PLANT

352-STRUCTURES AND IMPROVEMENTS

108,880

108,880

353-STATION EQUIPMENT

228,798

228,798

354-TOWERS AND FIXTURES

-

-

355-POLES AND FIXTURES

916

916

356-OH CONDUCTORS AND DEVICES

-

-

357-UNDERGROUND CONDUIT

123,691

123,691

358-UNDERGROUND CONDUCTORS AND DEVICES

220,990

220,990

359-ROADS AND TRAILS

-

-

TOTAL TRANSMISSION PLANT - DEPR EXP

683,275

683,275

DISTRIBUTION PLANT

361-STRUCTURES AND IMPROV.

13.8Kv

59,619

59,619

PRIMARY

1,977

TOTAL ACCOUNT 361

61,597

59,619

362-STATION EQUIPMENT

13.8Kv

425,726

425,726

PRIMARY

118,418

SECONDARY	513,633	
TOTAL ACCOUNT 362	1,057,777	425,726
364-POLES, TOWERS, FIXTURES		
PRIMARY CAPACITY	64,294	
SECONDARY CAPACITY	55,231	
TOTAL ACCOUNT 364	119,525	
365-OVERHEAD CONDUCTORS		
PRIMARY CAPACITY	145,133	
SECONDARY CAPACITY	108,987	
TOTAL ACCOUNT 365	254,120	
366-UNDERGROUND CONDUIT		
13.8Kv	198,094	198,094
PRIMARY	81,169	
SECONDARY	131,800	
TOTAL ACCOUNT 366	411,062	198,094
367-UNDERGROUND CONDUCTORS		
13.8Kv	722,960	722,960
PRIMARY	275,419	
SECONDARY	342,582	
TOTAL ACCOUNT 367	1,340,960	722,960
368-LINE TRANSFORMERS		
CAPACITY COMPONENT	131,999	
TOTAL ACCOUNT 368	131,999	
369-SERVICES		
CUSTOMER COMPONENT	278,281	
TOTAL ACCOUNT 369	278,281	
370-METERS	148,576	
373-STREET LIGHTING	238,112	
TOTAL DISTRIBUTION PLANT - DEPR EXP	4,042,009	1,406,398
GENERAL PLANT		
389-399 GENERAL PLANT		
TRANSMISION (INC 13.8KV) COMPONENT	17,986	17,986
OTHER COMPONENT	68,092	
TOTAL GENERAL PLANT	86,078	17,986
 TOTAL DEPRECIATION EXPENSE	 4,811,362	 2,107,659
AMORTIZATION EXPENSE		
TRANSMISION (INC 13.8KV) COMPONENT	-	-
OTHER COMPONENT	-	
 TOTAL AMORTIZATION EXPENSE	 -	 -
 TOTAL DEPRECIATION AND AMORTIZATION	 4,811,362	 2,107,659

Network Integration Transmission

ACTUAL

Shading denotes an input

Attachment H

Line No.		Reference	Commonwealth	Reference
	I. INVESTMENT BASE	Section:		
1	Transmission Plant	I (A)(1)(a)	115,011,638	Worksheet 3, line 1 column 5
2	General Plant	I (A)(1)(b)	1,860,032	Worksheet 3, line 2 column 5
3	Plant Held For Future Use	I (A)(1)(c)	0	Worksheet 3, line 4 column 5
4	Total Plant (Lines 1+2+3)		116,871,670	
5	Accumulated Depreciation & Amortization	I (A)(1)(d)	54,455,375	Worksheet 3, line 7 column 5
6	Accumulated Deferred Income Taxes	I (A)(1)(e)	12,891,482	Worksheet 3, line 10 column 5
7	Loss On Reacquired Debt	N/A	0	Worksheet 3, line 11 column 5
8	Other Regulatory Assets	N/A	0	Worksheet 3, line 14 column 5
9	Net Investment (Line 4-5-6+7+8)		49,524,813	
11	Materials & Supplies	I (A)(1)(f)	280,492	Worksheet 3, line 16 column 5
12	Prepayments	I (A)(1)(g)	458,356	Worksheet 3, line 15 column 5
13	Cash Working Capital	I (A)(1)(h)	676,237	Worksheet 3, line 23 column 5
14	Total Investment Base (Line 9+11+12+13)		50,939,898	
	II. REVENUE REQUIREMENTS			
15	Investment Return and Income Taxes	I (A)(2)	6,496,182	Worksheet 2
16	Depreciation & Amortization Expense	I (B)	4,128,104	Worksheet 4, line 3 column 5
17	Amortization of Loss on Reacquired Debt	N/A	0	Worksheet 4, line 4 column 5
18	Investment Tax Credit	I (C)	(63,247)	Worksheet 4, line 5 column 5
19	Property Taxes	I (D)	758,116	Worksheet 4, line 8 column 5
19.5	Other Taxes (Payroll Taxes Re-Classified)	I (E)	91,786	Worksheet 4, line 15 column 5
20	Operation & Maintenance Expense	I (F)	3,556,605	Worksheet 4, line 11 column 5
21	Administrative & General Expense	I (G)	1,160,869	Worksheet 4, line 14 column 5
22	Transmission Related Integrated Facilities Charge	N/A	0	
23	Transmission By Others Expense	I (H)	692,421	Acct 565 excludes HQ AC expenss Worksheet 7
24	Transmission Related Expense from Generators	N/A	0	
25	Transmission Related Taxes and Fees Charge	N/A	0	
26	Transmission Revenue Credits for Network Integr.	II	(812,734)	Acct 456 includes Nantucket only Worksheet 7
27	Trans. Rents Received from Electric Property	N/A	0	
28	RNS & Through or Out Revenues received		(9,116,595)	
29	Total OATT Revenue Requirements (Line 15 thru 28)		\$6,891,507	

Commonwealth Electric Company (CEC)
Annual Revenue Requirements
for costs in 2004

D.T.E. 04-114
Attachment AG-2-13(a)
Page 16 of 20

Shading denotes an input

	CAPITALIZATION 12/31/04	CAPITALIZATION RATIOS	COST OF CAPITAL	COST OF CAPITAL	EQUITY PORTION
LONG-TERM DEBT	\$ 232,706,775	41.18%	4.51%	1.86%	
PREFERRED STOCK	0	0.00%	0.00%	0.00%	0.00%
COMMON EQUITY	332,452,649	58.82%	11.25%	6.62%	6.62%
TOTAL INVESTMENT RETURN	\$ 565,159,424	100.00%		8.48%	6.62%

Cost of Capital Rate=

(a) Weighted Cost of Capital = 0.0848

$$\begin{aligned}
 \text{(b) Federal Income Tax} &= \left(\frac{\text{R.O.E.} + \left(\frac{\text{Inv. (Tax Credit} + \text{Eq. AFUDC of Deprec. Exp.)}}{\text{Inv. Base}} \right)}{1} \right) \times \frac{\text{Federal Income Tax Rate}}{\text{Federal Income Tax Rate}} \\
 &= \left(\frac{0.0662 + \left(\frac{0 + 0}{50,939,898} \right)}{1} \right) \times \frac{0.35}{0.35} \\
 &= \underline{0.0356462}
 \end{aligned}$$

$$\begin{aligned}
 \text{(c) State Income Tax} &= \left(\frac{\text{R.O.E.} + \left(\frac{\text{Inv. (Tax Credit} + \text{Eq. AFUDC of Deprec. Exp.)}}{\text{Inv. Base}} \right)}{1} \right) + \frac{\text{Federal Income Tax}}{\text{State Income Tax Rate}} \times \text{State Income Tax Rate} \\
 &= \left(\frac{0.0662 + \left(\frac{0 + 0}{50,939,898} \right)}{1} \right) + \frac{0.0356462}{0.065} \times 0.065 \\
 &= \underline{0.0070802}
 \end{aligned}$$

(a)+(b)+(c) Cost of Capital Rate = 0.1275264

	<u>(LNS)</u>
INVESTMENT BASE	\$ 50,939,898
x Cost of Capital Rate	0.1275264
= Investment Return and Income Taxes	<u>6,496,182</u>

Commonwealth Electric Company (CEC)

D.T.E. 04-114
Attachment AG-2-13(a)
Page 17 of 20

Worksheet 3a

Shading denotes an input

	(1) Total	(2) Wage/Plant Allocation Factors	(3) = (1)*(2) Transmission Allocated	(4) LNS Allocation Factor (b)	(5) = (3)*(4) LNS Allocated	FERC Form 1 Reference for col (1)
<u>Transmission Plant</u>						
Transmission Plant	115,011,638		115,011,638		115,011,638 (d)	Page 207.53(b&g avg)
General Plant	48,452,218	3.8389% (a)	1,860,032	100.0000%	1,860,032	Page 207.83(b&g avg)
Total (line 1+2)			<u>116,871,670</u>		<u>116,871,670</u>	
<u>Transmission Plant Held for Future Use</u>	0		0	100.0000%	<u>0</u>	Page 214 and fixed capital acct 105 (beg & yr avg)
<u>Transmission Accumulated Depreciation</u>						
Transmission Accum. Depreciation	53,811,422		53,811,422	100.0000%	53,811,422	Page 219.23b or depr. Analysis (beg & yr avg)
General Plant Accum. Depreciation	16,774,407	3.8389% (a)	643,953	100.0000%	643,953	Page 219.25b or depr. Analysis (beg & yr avg)
Total (line 6+7)			<u>54,455,375</u>		<u>54,455,375</u>	
<u>Transmission Accumulated Deferred Taxes</u>						
Accumulated Deferred Taxes (282)	81,080,543	15.8996% (c)	12,891,482	100.0000%	12,891,482	Page 274.2-275.2(b&k avg)
Accumulated Deferred Taxes (190) (N/A)	0	15.8996% (c)	0	100.0000%	0	Not Applicable
Total (line 8+9)			<u>12,891,482</u>		<u>12,891,482</u>	
<u>Transmission loss on Reacq. Debt (N/A)</u>	0	15.8996% (c)	0	100.0000%	<u>0</u>	Not Applicable
<u>Other Regulatory Assets/Liabilities</u>						
FAS 106 (N/A)	0	3.8389% (a)	0			Not Applicable
FAS 109 (N/A)	0	15.8996% (c)	0			Not Applicable
Other Regulatory Liabilities (N/A) (1)	0	15.8996% (c)	0			Not Applicable
Total (line 12+13+13.5)	<u>0</u>		<u>0</u>	100.0000%	<u>0</u>	
<u>Transmission Prepayments</u>	2,882,816	15.8996% (a)	458,356	100.0000%	<u>458,356</u>	Page 110.46(c&d avg)
<u>Transmission Materials and Supplies</u>	280,492		280,492	100.0000%	<u>280,492</u>	Page 227.8(b&c avg)
<u>Cash Working Capital</u>						
Operation & Maintenance Expense					3,556,605	Worksheet 1, Line 20
Administrative & General Expense					1,160,869	Worksheet 1, Line 21
Transmission Support Expense					692,421	Worksheet 1, Line 24
Subtotal (line 18+19+20)					<u>5,409,895</u>	
					<u>0,125</u>	x 45 / 360
Total (line 21 * line 22)					<u>676,237</u>	

(a) Worksheet 5 of 8, line 11

(b) Worksheet 5 of 8, line 3

(c) Worksheet 5 of 8, line 14

(d) LNS Facilities

(1) Since "Other Regulatory Liabilities" are limited to offsetting the amounts of assets specifically associated with FAS 106 and FAS 109, the accounting for the amounts of regulatory liability was incorporated individually in the calculation of the net asset/liability amount for FAS 106 and FAS 109 reflected in lines 12 and 13.

FERC Form 1
ReferenceFERC Form 1
Reference

Commonwealth

Transmission Investment	115,011,638	Page 207.53(b&g avg.)
<i>plus</i> Distribution Investment Categorized as Transmission	<u>0</u>	
	115,011,638	
Transmission Investment	115,011,638	Page 207.53(b&g avg.)
<i>plus</i> Distribution Investment Categorized as Transmission	<u>0</u>	
	115,011,638	
Percent Allocation (line 1a/2a)	100.0000%	

Direct Transmission Wages and Salaries	1,002,738	Page 354.19b
Affiliated Company Transmission Wages and Salaries	0	Worksheet 6 of 8
Total Transmission Wages and Salaries (line 4+ 5)	<u>1,002,738</u>	
 Total Wages and Salaries	 33,633,965	 Page 354.25b +line 5
Administrative and General Wages and Salaries	7,513,251	Page 354.24b
Affiliated Company Wages and Salaries less A&G	0	Worksheet 6 of 8
Total Wages and Salaries net of A&G (line 7 - 8 + 9)	<u>26,120,714</u>	
 Percent Allocation (line 6/10)	 3.8389%	

Total Transmission Investment	115,011,638	Page 207.53(b&g avg)
<i>plus Transmission-Related General Plant (Line 2 of Wkst. 3)</i>	<u>1,860,032</u>	<i>Worksheet 3, Line 11</i>
<i>= Revised Numerator</i>	116,871,670	
 Total Plant in Service (INCLUDING General Plant)	 735,058,196	 Page 207.88(b&g avg)
Percent Allocation (line 12 Rev / 13)	<u>15.8996%</u>	

Gross Transmission Investment (Including General Plant)	116,871,670	Line 12 REV
Less Accum. Prov. for Trans. Depr. & Amort. (inc gen plt)	(54,455,375)	Worksheet 3,line 19
Net Transmission Investment	62,416,295	
<i>plus</i> Distribution Investment Categorized as Transmission	0	
Revised Net Transmission Investment	62,416,295	
Total Plant in Service	735,058,196	Line 13
Less Accum. Prov. for Depreciation & Amortization	(262,004,207)	Page 110.5(c&d avg)
Net Plant investment	473,053,990	
Percent Allocation (line 19/22)	13.1943%	

SHEET: WORKSHEET 7A-1

COMMONWEALTH ELECTRIC COMPANY
2004 TRANSMISSION ACCOUNT 565 EXPENSES

COMPANY	TOTAL SUPPORT PAYMENTS	WHEELING PAYMENTS	ISO PAYMENTS	LOCAL NETWORK SERVICE CHARGE	TOTAL	LNS directly connected support and wheeling expenses
BOSTON EDISON (SUPPORT)						
STABILIZER LINE 342 PILG- MYLES STANDISH (CANAL 2 SUPPORT)	\$13,779					\$13,779
CARD STREET - LINE 336	\$12,330					\$12,330
JORDAN RD.-HOLBROOK, WALPOLE-MEDWAY (CANAL#2 SUPPORT)	\$655,200					\$655,200
TOTAL BOSTON EDISON	\$681,309	\$0			\$681,309	\$681,309
CANAL ELECTRIC (SUPPORT)						
HYDRO QUEBEC 1 (INCLUDES COMENERGY SERVICES BILLING)	\$257,347				\$257,347	
HYDRO QUEBEC 2 (includes com/energy services billing) see canal acct 456 breakout	\$1,701,439				\$1,701,439	
(Hydro-Quebec DC expenses)	\$1,359,545				\$1,359,545	
(Hydro-Quebec AC expenses)	\$341,894				\$341,894	
SEABROOK 1	\$0				\$0	
TOTAL CANAL ELECTRIC	\$3,660,226	\$0			\$3,660,226	
SYSTEM IMPACT STUDIES						
MISCELLANEOUS						
CENTRAL MAINE POWER (SUPPORT)		\$0			\$0	
WYMAN #4 -345KV						
WYMAN #4 -115KV	\$0				\$0	
TOTAL CENTRAL MAINE POWER	\$0	\$0			\$0	
MONTAUP ELECTRIC COMPANY						
BELL ROCK ROAD (WHEELING)		\$11,112			\$11,112	\$11,112
BELL ROCK ROAD (SUPPORT)	\$0				\$0	
LINE 331 EQUALIZER (SUPPORT)	\$0				\$0	\$0
TOTAL MONTAUP	\$0	\$11,112			\$11,112	\$11,112
ISO NEW ENGLAND						
SYSTEM RESTORATION (Blackstart)			\$261,593		\$261,593	
THROUGH OR OUT EXPENSE			\$0		\$0	
REGIONAL NETWORK SERVICE			\$12,668,501		\$12,668,501	
CONGESTION MGT. CHARGES			\$1,856,567		\$1,856,567	
PHASE I & II UPLIFT CHARGES			\$0		\$0	
TOTAL ISO EXPENSE	\$0	\$0	\$14,786,660		\$14,786,660	
LOCAL NETWORK SERVICE CHARGE						
LOCAL NETWORK SERVICE CHARGE				\$4,797,406	\$4,797,406	
TOTAL TRANSMISSION PAYMENTS (ACCOUNT 565)	\$4,341,535	\$11,112	\$14,786,660	\$4,797,406	\$23,936,713	\$692,421

COMMONWEALTH ELECTRIC COMPANY
2004 TRANSMISSION ACCOUNT 456 REVENUES RECEIVED

COMPANY	TOTAL SUPPORT REVENUE	WHEELING REVENUE	ISO REVENUES	DISTRIBUTION REVENUE	LOCAL NETWORK SERVICE REVENUE	TOTAL	Support & Wheeling revenues received from use of directly connected facilities
CARRYING COST AGREEMENT (3/29/68)							
BOSTON EDISON	\$275,080					\$275,080	\$275,080
MONTAUP ELECTRIC	\$0					\$0	\$0
NEW ENGLAND POWER	\$47,040	\$0				\$47,040	\$47,040
TOTAL CARRYING COST	\$322,120					\$322,120	\$322,120
PILGRIM OFF-SITE COSTS (Entergy)	\$5,175	\$0		\$69,693		\$74,868	\$5,175
CAMBRIDGE ELECTRIC 345KV COSTS	\$289,085	\$0				\$289,085	\$289,085
YANKEE COSTS							
MAINE YANKEE		\$0				\$0	
CONNECTICUT YANKEE		\$0				\$0	
VERMONT YANKEE		\$0				\$0	
TOTAL YANKEE COSTS	\$0	\$0				\$0	
NON-AFFIL. UTILITY TRANS. REV. (NANTUCKET) Non-Firm PTP & MBTA (Distribution)	\$0	\$281,648		\$0		\$281,648	
Nantucket		\$196,354				\$196,354	\$196,354
Entergy & MBTA		\$85,294				\$85,294	
ISO NEW ENGLAND REVENUE							
NEW ENGLAND POWER POOL (EHV- PTF)		\$0	\$0			\$0	
REGIONAL TRANSMISSION REVENUES		\$9,116,595				\$9,116,595	
NEW ENGLAND POWER POOL Scheduling and Dispatch		\$89,009				\$89,009	
THROUGH OR OUT REVENUES		\$0				\$0	
TOTAL ISO NEW ENGLAND REVENUE	\$0	\$9,205,604				\$9,205,604	
LOCAL NETWORK SERVICE REVENUE						\$0	
TOTAL REVENUE RECEIVED	\$616,380	\$281,648	\$9,205,604	\$69,693	\$0	\$10,173,325	\$812,734

Attachment AG-2-13(b)

Cambridge Electric Light Company
Annual Revenue Requirements of Transmission Facilities
for costs in 2004

LNS Revenue Requirements

Worksheet 1 of 8

Network Integration Transmission D.T.E. 04-114

PROPOSED Attachment AG-2-13(b)

Page 1 of 37

Shading denotes an input

Line No		Attachment H Reference	Cambridge	Reference
I. INVESTMENT BASE				
1	Transmission Plant	I (A)(1)(a)	84,656,082	Worksheet 3, line 1 column 5
2	General & Intangible Plant	I (A)(1)(c)	1,109,365	Worksheet 3, line 2 column 5
3	Plant Held For Future Use	I (A)(1)(d)	0	Worksheet 3, line 4 column 5
4	Total Plant (Lines 1+2+3)		85,765,447	
5	Accumulated Depreciation & Amortization	I (A)(1)(e)	26,899,541	Worksheet 3, line 7 column 5
6	Accumulated Deferred Income Taxes	I (A)(1)(f)	13,733,025	Worksheet 3, line 10 column 5
7	Loss On Reacquired Debt	N/A	0	Worksheet 3, line 11 column 5
8	Other Regulatory Assets	N/A	(340,817)	Worksheet 3, line 14 column 5
9	Net Investment (Line 4-5-6+7+8)		44,792,064	
11	Materials & Supplies	I (A)(1)(g)	534,391	Worksheet 3, line 16 column 5
12	Prepayments	I (A)(1)(h)	114,152	Worksheet 3, line 15 column 5
13	Cash Working Capital	I (A)(1)(i)	852,108	Worksheet 3, line 23 column 5
14	Total Investment Base (Line 9+11+12+13)		46,292,715	
II. REVENUE REQUIREMENTS				
15	Investment Return and Income Taxes	I (A)(2)	7,324,355	Worksheet 2
16	Depreciation & Amortization Expense	I (B)	2,125,152	Worksheet 4, line 3 column 5
17	Amortization of Loss on Reacquired Debt	N/A	0	Worksheet 4, line 4 column 5
18	Investment Tax Credit	I (C)	(28,375)	Worksheet 4, line 5 column 5
19	Property Taxes	I (D)	878,211	Worksheet 4, line 8 column 5
19.5	Other Taxes (Payroll Taxes Re-Classified)	I (E)	61,628	Worksheet 4, line 17 column 5
20	Trans. Operation & Maintenance Expense	I (F)	97,072	Worksheet 4, line 9 minus line 10 column 5
21	Administrative & General Expense	I (G)	1,510,943	Worksheet 4, line 15 column 5
22	Transmission Related Distribution O&M Expenses	I (H)	1,145,617	Worksheet 4, line 10a column 5
23	Transmission By Others Expense	I (I)	4,063,232	Acct 565 Support Charges include HQ AC & Comel Support
24	Transmission Related Expense from Generators	N/A	0	
25	Transmission Related Taxes and Fees Charge	N/A	0	
26	Transmission Revenue Credits for Network Integr.	II	(1,014,513)	Acct 456 Belmont Revenues
27	Trans. Rents Received from Electric Property	N/A	(502,664)	Acct 454
28	RNS & Through or Out revenues received		(\$3,379,919)	Worksheet 7 Mirant Kendall Facilities
29	Total OATT Revenue Requirements (Line 15 thru 28)		12,280,738	

Cambridge Electric Light Company (CEC)
Annual Revenue Requirements
for costs in 2004

D.T.E. 04-114
Attachment AG-2-13(b)
Page 2 of 37

Shading denotes an input

	CAPITALIZATION 12/31/04	CAPITALIZATION RATIOS	COST OF CAPITAL	COST OF CAPITAL	EQUITY PORTION
LONG-TERM DEBT	\$ 25,000,000	22.35%	7.90%	1.77%	
PREFERRED STOCK	0	0.00%	0.00%	0.00%	0.00%
COMMON EQUITY	86,842,536	77.65%	11.00%	8.54%	8.54%
TOTAL INVESTMENT RETURN	\$ 111,842,536	100.00%		10.31%	8.54%

Cost of Capital Rate=

(a) Weighted Cost of Capital = 0.1031

$$\begin{aligned}
 \text{(b) Federal Income Tax} &= \left(\frac{\text{R.O.E.} + \left(\frac{\text{Inv. (Tax Credit} + \text{Eq. AFUDC of Deprec. Exp.)}}{\text{Inv. Base}} \right)}{1} \right) \times \frac{\text{Federal Income Tax Rate}}{\text{Federal Income Tax Rate}} \\
 &= \left(\frac{0.0854 + \left(\frac{0 + 0}{46,292,715} \right)}{1} \right) \times \frac{0.35}{0.35} \\
 &= \underline{0.0459846}
 \end{aligned}$$

$$\begin{aligned}
 \text{(c) State Income Tax} &= \left(\frac{\text{R.O.E.} + \left(\frac{\text{Inv. (Tax Credit} + \text{Eq. AFUDC of Deprec. Exp.)}}{\text{Inv. Base}} \right)}{1} \right) + \frac{\text{Federal Income Tax}}{\text{State Income Tax Rate}} \times \text{State Income Tax Rate} \\
 &= \left(\frac{0.0854 + \left(\frac{0 + 0}{46,292,715} \right)}{1} \right) + \frac{0.0459846}{0.065} \times 0.065 \\
 &= \underline{0.0091337}
 \end{aligned}$$

(a)+(b)+(c) Cost of Capital Rate = 0.1582183

	(LNS)
INVESTMENT BASE	\$ 46,292,715
x Cost of Capital Rate	0.1582183
= Investment Return and Income Taxes	<u>7,324,355</u>

Shading denotes an input

Line No.	(1) Total	(2) Wage/Plant Allocation Factors	(3) = (1)*(2) Transmission Allocated	(4) LNS Allocation Factor (b)	(5) = (3)/(4) LNS Allocated	FERC Form 1 Reference for col (1)
<u>Transmission Plant</u>						
1	84,656,082		84,656,082	100.0000%	84,656,082	(d) Worksheet 5, Cell E16
2	3,603,007	18.1504% (a)	653,960	100.0000%	653,960	Page 207.83(b&g avg)
3	2,509,065	18.1504% (a)	455,405	100.0000%	455,405	Page 207.83(b&g avg)
4	90,768,154		85,765,447	100.0000%	85,765,447	
5	0		0	100.0000%	0	Page 214 and fixed capital acct 105 (beg & yr avg)
<u>Transmission Accumulated Depreciation</u>						
6	26,789,647		26,789,647	100.0000%	26,789,647	Worksheet 5, Cells D102+D139+D152
7	32,922	18.1504% (a)	5,975	100.0000%	5,975	Worksheet 9, Cell C144
8	605,461	18.1504% (a)	109,894	100.0000%	109,894	Worksheet 9, Cell C88
9			26,899,541		26,899,541	
<u>Transmission Accumulated Deferred Taxes</u>						
10		49.8221% (c)	0	100.0000%	0	Page 273.8(k)
11	25,749,463	49.8221% (c)	12,828,923	100.0000%	12,828,923	Page 275.2(k)
12	5,660,941	22.6505%	1,282,234	100.0000%	1,282,234	Page 450.1 (detail)
13	(3,164,595)	11.9488%	(378,132)	100.0000%	(378,132)	Page 234 © detail
14	28,245,809		13,733,025		13,733,025	
15	0	49.8221% (c)	0	100.0000%	0	
<u>Other Regulatory Assets/Liabilities</u>						
16	0	18.1504% (a)	0	100.0000%	0	Page 232 (182.50)
17	(684,067)	49.8221% (c)	(340,817)	100.0000%	(340,817)	Page 232 or Pg 254
18	(684,067)		(340,817)	100.0000%	(340,817)	
19	628,923	18.1504% (a)	114,152	100.0000%	114,152	Page 110.46
20	534,391		534,391	100.0000%	534,391	Worksheet 9, Cell D171
<u>Cash Working Capital</u>						
21					1,242,689	Worksheet 1, Line 20
22					1,510,943	Worksheet 1, Line 21
23					4,063,232	Worksheet 1, Line 24
24					6,816,864	
25					0.125	x 45 / 360
26					852,108	

(a) Worksheet 5 of 8, line 11

(b) Worksheet 5 of 8, line 3

(c) Worksheet 5 of 8, line 14

(d) LNS Facilities

'(1) Since "Other Regulatory Liabilities" are limited to offsetting the amounts of assets specifically associated with FAS 106 and FAS 109, the accounting for the amounts of regulatory liability was incorporated individually in the calculation of the net asset/liability amount for FAS 106 and FAS 109 reflected in lines 12 and 13.

Account 190 - Non-Property

Uncollectible accounts	134,796	0.0000%	0	100.0000%	0
Sales taxes	130,716	49.8221%	65,125	100.0000%	65,125
Demand side management	1,407,737	0.0000%	0	100.0000%	0
Waste cleanup			0	100.0000%	0
Self insurance	149,055	49.8221%	74,262	100.0000%	74,262
Storm contingency			0	100.0000%	0
Provision for rate refund	111,791	0.0000%	0	100.0000%	0
Clean air allowances			0	100.0000%	0
Pension costs	1,181,860	18.1504%	214,512	100.0000%	214,512
Amended returns			0	100.0000%	0
Regulatory assets			0	100.0000%	0
Other	48,640	49.8221%	24,233	100.0000%	24,233
	3,164,595		378,132		378,132

Account 283 - Non-Property

Property tax			0	100.0000%	0
Cost to achieve	(1,070,824)	0.0000%	0	100.0000%	0
Deferrals of power costs	(953,450)	0.0000%	0	100.0000%	0
Post retire benefit costs	(1,672,249)	18.1504%	(303,520)	100.0000%	(303,520)
Pension costs			0	100.0000%	0
Bond redemption call premiums			0	100.0000%	0
Interest capitalized			0	100.0000%	0
Carryback refund			0	100.0000%	0
Other	(1,964,418)	49.8221%	(978,714)	100.0000%	(978,714)
	(5,660,941)		(1,282,234)		(1,282,234)
	0				

Shading denotes an input

(2)

(4)

Line No.	(1) Total	Wage/Plant Allocation Factors	(3) = (1)*(2) Transmission Allocated	LNS Allocation Factor (b)	(5) = (3)*(4) LNS Allocated	FERC Form 1 Reference for col (1)
<u>Depreciation Expense</u>						
1	2,068,236		2,068,236	100.0000%	2,068,236	Worksheet 9, Cells D197+D234+D248
2	86,078	18.1504% (a)	15,623	100.0000%	15,623	Worksheet 9, Cell C239
3	313,581	18.1504% (a)	56,916	100.0000%	56,916	Worksheet 9, Cell C183
4			2,125,152		2,125,152	
5	0	49.8221% (c)	0	100.0000%	0	
6	56,952	49.8221% (c)	28,375	100.0000%	28,375	Page 266.8f
<u>Property Taxes</u>						
7	1,762,693	49.8221%	878,211	100.0000%	878,211	Page 263.6i
8	0	18.1504% (a)	0	100.0000%	0	
9			878,211		878,211	
<u>Transmission Operation and Maintenance</u>						
10	35,574		35,574	100.0000%	35,574	Page 321.100b
11	3,753		3,753	100.0000%	3,753	
12	2,721		2,721	100.0000%	2,721	
13	2,642		2,642	100.0000%	2,642	
14	5,871		5,871	100.0000%	5,871	
15	0		0	100.0000%	0	
16	46,512		46,512	100.0000%	46,512	Page 321.88b
17	0		0	100.0000%	0	
18	1,145,617		1,145,617	100.0000%	1,145,617	Worksheet 8, Cell F56
19	1,242,689		1,242,689	100.0000%	1,242,689	
<u>Transmission Administrative and General</u>						
20	6,655,902					Page 323.168b or worksheet 9, cell E94
21	(22,466)					
22	(457,318)					
23	(95,026)					
24	6,081,092	18.1504%	1,103,743	100.0000%	1,103,743	
25	22,466	49.8221%	11,193	100.0000%	11,193	
26	396,007	100.0000%	396,007	100.0000%	396,007	
27	0	100.0000%	0	100.0000%	0	
28	0	100.0000%	0	100.0000%	0	
29	7,208,246		1,510,943		1,510,943	
30	339,543	18.1504%	61,628	100.0000%	61,628	Footnote (a)

(a) Payroll taxes FERC Form 1, page 263.i, 263.1i

Federal Unemployment	0	
FICA	0	
Medicare	0	
State Unemployment	0	
Environmental	0	
State Universal Health	0	
Services Co. Allocation & A&G Capit.	339,543	change
	0	
Total	339,543	

Shading denotes an input

Line No.	Plant Investments reflect Beginning and Year end Averages		FERC Form 1 Reference
<u>LNS Transmission Plant Allocation Factor</u>		<u>Cambridge</u>	
1	Transmission Investment	33,927,618	Worksheet 9, cell D25
	<i>plus</i> 13.8kv Distribution Investment Categorized as Trans.	50,728,464	Worksheet 9, cell D66
1a		84,656,082	
2	Transmission Investment	33,927,618	Worksheet 9, cell D25
	<i>plus</i> 13.8kv Distribution Investment Categorized as Trans.	50,728,464	Worksheet 9, cell D66
2a		84,656,082	
3	Percent Allocation (line 1a/2a)	100.0000%	
<u>Transmission Wages and Salaries Allocation Factor</u>			
4	Direct Transmission Wages and Salaries less 561& 581(part)	661,366	Worksheet 8, cell G70
5	Affiliated Company Transmission Wages and Salaries	0	Worksheet 6 of 8
6	Total Transmission Wages and Salaries (line 4+ 5)	661,366	
7	Total Wages and Salaries	5,049,966	Page 354.25b +line 5
8	Administrative and General Wages and Salaries	1,406,154	Page 354.24b
9	Affiliated Company Wages and Salaries less A&G	0	Worksheet 6 of 8
10	Total Wages and Salaries net of A&G (line 7 - 8 + 9)	3,643,812	
11	Percent Allocation (line 6/10)	18.1504%	
<u>Plant Allocation Factor</u>			
12	Total Transmission Investment	84,656,082	Cell E16
	<i>plus</i> Trans.-Related General & Intan. Plant (Line 2+3 of Wkst. 3)	1,109,366	Worksheet 9, Cell D69+ D
12 Rev	= Revised Numerator	85,765,448	
13	Total Plant in Service (INCLUDING General Plant)	172,143,245	Page 207.88(b&g avg)
14	Percent Allocation (line 12 Rev / 13)	49.8221%	

Affiliated Company Wages and Salaries

Shading denotes an input

Line		<u>Cambridge</u>	<u>#REF!</u>	<u>#REF!</u>
"Affiliated" Transmission Wages and Salaries				
#560 - 573				
1	560	0	0	0
2	562	0	0	0
3	564	0	0	0
4	566	0	0	0
5	568	0	0	0
6	569	0	0	0
7	570	0	0	0
8	571	0	0	0
9	572	0	0	0
10	573	0	0	0
11 = 1 thru 10	Total Transmission	<u>0</u>	<u>0</u>	<u>0</u>
12 = Total "Affiliated" Wages and Salaries		<u>0</u>	<u>0</u>	<u>0</u>
Less "Affiliated" Administrative and General Salaries				
#920 - 935				
13	920	0	0	0
14	921	0	0	0
15	923	0	0	0
16	925	0	0	0
17	926	0	0	0
18	928	0	0	0
19	930	0	0	0
20	935	0	0	0
21 = 13 thru 20		<u>0</u>	<u>0</u>	<u>0</u>
22 = 12 less 21	Total "Affiliated" less A&G	<u>0</u>	<u>0</u>	<u>0</u>

CAMBRIDGE ELECTRIC LIGHT COMPANY
2004 TRANSMISSION ACCOUNT 565 EXPENSES

COMPANY	TOTAL SUPPORT PAYMENTS	WHEELING PAYMENTS	ISO PAYMENTS	LOCAL NETWORK SERVICE PAYMENTS	TOTAL	LNS directly connected support and wheeling expenses
BOSTON EDISON						
CANAL 1 TRANSFER (WHEELING)					\$0	
SOMERVILLE ST. #402 (SUPPORT)	\$288,000	\$0			\$288,000	\$288,000
SOMERVILLE ST. #509 (SUPPORT)	\$3,346,500				\$3,346,500	\$3,346,500
NON-FIRM (MISC) (WHEELING)					\$0	
TOTAL BOSTON EDISON	\$3,634,500	\$0			\$3,634,500	\$3,634,500
COMMONWEALTH ELECTRIC (SUPPORT)						
LINE #331 EQUALIZER						
CANAL LINE SECTION A&B	\$146,173				\$146,173	
TOTAL COMMONWEALTH ELECTRIC	\$289,085	\$0			\$289,085	\$289,085
CANAL ELECTRIC (SUPPORT)						
HYDRO QUEBEC 1 N.E.T	\$53,454				\$53,454	
HYDRO QUEBEC 1 V.E.T	\$51,659				\$51,659	
HYDRO QUEBEC 2	\$694,954				\$712,952	
(Hydro-Quebec DC expenses)	\$555,307				\$555,307	
(Hydro-Quebec AC expenses)	\$139,647				\$139,647	\$139,647
SEABROOK 1	\$0				\$0	
TOTAL CANAL ELECTRIC	\$1,495,022	\$0			\$1,495,022	
ISO NEW ENGLAND						
SYSTEM RESTORATION(Blackstart)						
THROUGH OR OUT EXPENSE			\$94,004		\$94,004	
REGIONAL NETWORK SERVICE			\$0		\$0	
CONGESTION MGT CHARGES			\$5,214,143		\$5,214,143	
PHASE I & II UPLIFT CHARGES			\$11,002,378		\$11,002,378	
TOTAL ISO EXPENSE	\$0	\$0	\$0	\$0	\$0	
		\$0	\$16,310,526		\$16,310,526	
LOCAL NETWORK SERVICE CHARGE						
					\$0	
TOTAL TRANSMISSION PAYMENTS	\$5,418,606	\$0	\$16,310,526	\$0	\$21,729,132	\$4,063,232

CAMBRIDGE ELECTRIC LIGHT COMPANY
2004 TRANSMISSION ACCOUNT 456 REVENUES RECEIVED

COMPANY	TOTAL SUPPORT REVENUE	WHEELING REVENUE	ISO REVENUES	LOCAL NETWORK SERVICE REVENUE	TOTAL	Support & Wheeling revenues received from use of directly connected facilities
Municipals		\$1,203,151			\$1,203,151	
Belmont		\$1,014,513			\$1,014,513	\$1,014,513
MBTA		\$188,638			\$188,638	
<u>ISO NEW ENGLAND REVENUE</u>						
NEW ENGLAND POWER POOL (EHV-PTF)			\$0			
REGIONAL TRANSMISSION REVENUES			\$3,379,919			
NEPOOL Scheduling and Dispatch			\$0			
THROUGH OR OUT REVENUES			\$0			
TOTAL ISO NEW ENGLAND REVENUE			\$3,379,919		\$3,379,919	
LOCAL NETWORK SERVICE REVENUE					\$0	
GRAND TOTAL	\$0	\$1,203,151	\$3,379,919	\$0	\$4,583,071	\$1,014,513

Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004

The COS Data Link inputs data directly from Revenue Requirements COS models

O&M Expenses	Labor (1)	Non Labor (2)	Total O&M (3)	Transmission & Dist. 13.8kv O&M (4)=(3)*Plant Ratios	Transmission & Dist. 13.8kv Labor (5)=(4)* O&M ratios
500 FERC Operation Supervision and Engineering	\$0		\$0		
501 FERC Summary Fuel	\$0		\$0		
502 FERC Summary Steam Expenses	\$0		\$0		
504 FERC Less Steam Transferred-Credit	\$0		\$0		
505 FERC Summary Electric Expense	\$0		\$0		
506 FERC Summary Misc. steam Power	\$0		\$0		
513 FERC Summary Maintenance of EI	\$0		\$0		
555 FERC Summary Purchased Power 5	\$0	\$88,516,915	\$88,516,915		
556 FERC Summary System Control &	\$26,431	\$1,660	\$28,091		
557 FERC Summary Other Expenses 55	\$0	\$6,520,485	\$6,520,485		
Production Total					
560 FERC Summary Operation, Superv	\$46,575	(\$11,001)	\$35,574	\$35,574	\$46,575
561 FERC Summary Load Dispatching	\$24,986	\$435,896	\$460,882	\$0	\$0
562 FERC Summary Station Expenses	\$2,376	\$1,377	\$3,753	\$3,753	\$2,376
563 FERC Summary Overhead Line Exp	\$0	\$2,721	\$2,721	\$2,721	\$0
564 FERC Summary Underground Line	\$0	\$2,642	\$2,642	\$2,642	\$0
565 FERC Summary Transmission of E	\$0	\$21,034,178	\$21,034,178	\$4,063,232	\$0
566 FERC Summary Misc. Transmissio	\$0	\$5,871	\$5,871	\$5,871	\$0
567 FERC Summary Rents	\$0	\$0	\$0	\$0	\$0
568 FERC Summary Maintenance, Supervision	\$24,549	\$0	\$24,549	\$24,549	\$24,549
569 FERC Summary Maintenance of Structures	\$0	\$0	\$0	\$0	\$0
570 FERC Summary Maintenance of station equip	\$2,761	\$357	\$3,118	\$3,118	\$2,761
571 FERC Summary Mainten. of overhead lines	\$0	\$15,137	\$15,137	\$15,137	\$0
572 FERC Summary Mainten. of Undergr. Lines	\$3,695	\$13	\$3,708	\$3,708	\$3,695
573 FERC Summary Maintenance of Misc. Plt.	\$0	\$0	\$0	\$0	\$0
Transmission Total	\$104,942	\$21,487,190	\$21,592,132	\$4,160,304	\$79,956
580 FERC Summary Operation, Superv	\$303,145	(\$24,425)	\$278,721	\$52,085	\$56,650
581 FERC Summary Load Dispatching	\$142,602	\$4,665	\$147,267	\$236,860	\$127,912
582 FERC Summary Station Expenses	\$299,867	\$255,408	\$555,275	\$236,860	\$127,912
583 FERC Summary Overhead Line Exp	\$206,560	\$59,052	\$265,612	\$205,111	\$130,567
584 FERC Summary Underground Line	\$263,747	\$150,578	\$414,325	\$205,111	\$130,567
585 FERC Summary Street Lighting &	\$5,998	\$773	\$6,771	\$0	\$0
586 FERC Summary Meter Expenses 58	\$293,232	\$76,883	\$370,115	\$370,115	\$0
587 FERC Summary Customer Install	\$68,832	(\$8,427)	\$60,406	\$60,406	\$0
588 FERC Summary Misc. Distributio	(\$86,942)	\$87,761	\$819	\$333	(\$35,373)
589 FERC Summary Rents 589	\$0	\$546,479	\$546,479	\$222,336	\$0

590 FERC Summary Supv & Engineering	\$205,836	(\$10)	\$205,826	\$86,328	\$86,332
591 FERC Summary Maintenance of St	\$45,969	\$3,486	\$49,455	\$47,097	\$43,777
592 FERC Summary Maint of Station	\$119,115	\$14,680	\$133,794	\$57,072	\$50,810
593 FERC Summary Maint of Overhead	\$102,573	\$61,972	\$164,545		\$0
594 FERC Summary Maint of Undergr. Lines	\$243,857	\$192,513	\$436,369	\$216,024	\$120,721
595 FERC Summary Maint of Line Transformers	\$0	\$1	\$1		\$0
596 FERC Summary Maint of Street Lighting	\$1,832	(\$688)	\$1,144		\$0
597 FERC Summary Meters	\$0	\$1	\$1		\$0
598 FERC Summary Maint of Misc Distribution	\$35	\$54,952	\$54,987	\$22,372	\$14
Distribution Total	\$2,216,259	\$1,475,653	\$3,691,912	\$1,145,617	\$581,410
901 FERC Summary Supervision 901	\$74,133	\$2,502	\$76,635		
902 FERC Summary Meter Reading Exp	\$225,206	\$120,730	\$345,936		
903 FERC Summary Customer Records	\$455,944	\$798,217	\$1,254,161		
904 FERC Summary Uncollectable Acc	\$0	\$151,401	\$151,401		
905 FERC Summary Misc. Customer Ac	\$6	\$64,220	\$64,226		
907 FERC Summary Supervision	\$1	\$0	\$1		
908 FERC Summary Customer Assistan	\$361,945	\$3,736,765	\$4,098,711		
909 FERC Summary Informational & I	\$0	\$18,257	\$18,257		
910 FERC Summary Misc. Customer Se	\$139,415	\$103,566	\$242,981		
911 FERC Summary Supervision 911	\$37,354	\$1,662	\$39,016		
912 FERC Summary A/C 912	\$1,942	\$57	\$1,999		
913 FERC Summary A/C 913	\$0	\$1	\$1		
916 FERC Summary Misc. Sales Expen	\$234	\$10,733	\$10,967		
Total (excl. A & G)	\$3,643,812	\$123,010,015	\$126,653,827	\$5,305,921	\$661,366
Administrative and General					
920 FERC Summary Admin & General S	\$1,696,959	\$313,278	\$2,010,237	\$364,866	\$308,005
921 FERC Summary Office Supplies &	(\$337)	\$328,153	\$327,816	\$59,500	(\$61)
922 FERC Summary Admin Expenses Tr	(\$291,232)	(\$131,220)	(\$422,452)	-\$76,677	(\$52,860)
923 FERC Summary Outside Services	\$0	\$281,087	\$281,087	\$51,018	\$0
924 FERC Summary Property Insuranc	\$0	\$22,466	\$22,466	\$11,193	\$0
925 FERC Summary Injuries & Damage	\$0	\$413,844	\$413,844	\$75,114	\$0
926 FERC Summary Employee Pension	\$764	\$3,265,669	\$3,266,433	\$592,871	\$139
928 FERC Summary Regulatory Commis	\$0	\$457,318	\$457,318	\$166,165	\$0
930.1 FERC Summary Gen. Ad Expens	\$0	\$95,026	\$95,026	\$0	\$0
930.2 FERC Summary Misc. General Expens	\$0	\$27,739	\$27,739	\$5,035	\$0
931 FERC Summary Rents 931	\$0	\$176,388	\$176,388	\$32,015	\$0
935 FERC Summary Maint of General	\$0	\$0	\$0	\$0	\$0
Total A&G	\$1,406,154	\$5,249,747	\$6,655,902	\$1,281,100	\$255,223
Total	\$5,049,966	\$128,259,763	\$133,309,729	\$6,587,021	\$916,589
Administrative and General Allocation			\$1,190,825		

*

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004**

Plant Data Link (data is NOT YET linked to Power Plant)

PLANT IN SERVICE (Begin & Yr end Avg)	Total	Transmission & Dist. 13.8kv
INTANGIBLE PLANT		
303-MISC. INTANGIBLE PLANT	\$2,509,065	455,405
TOTAL INTANGIBLE PLANT	2,509,065	
PRODUCTION PLANT		
314-GENERATORS	-	-
315-ACCESSORY ELECTRIC EQUIPMENT	-	-
TOTAL PRODUCTION PLANT	-	-
TRANSMISSION PLANT		
350-LAND AND LAND RIGHTS	314,753	314,753
352-STRUCTURES AND IMPROVEMENTS	8,032,685	8,032,685
353-STATION EQUIPMENT	6,973,992	6,973,992
354-TOWERS AND FIXTURES	-	-
355-POLES AND FIXTURES	36,955	36,955
356-OH CONDUCTORS AND DEVICES	-	-
357-UNDERGROUND CONDUIT	6,153,760	6,153,760
358-UNDERGROUND CONDUCTORS AND DEVICES	12,415,473	12,415,473
359-ROADS AND TRAILS	-	-
TOTAL TRANSMISSION PLANT	33,927,618	33,927,618
DISTRIBUTION PLANT		
360-LAND AND LAND RIGHTS		
13.8Kv	113,977	113,977
PRIMARY	125,010	
TOTAL ACCOUNT 360	238,987	
361-STRUCTURES AND IMPROV.		
13.8Kv	2,194,867	2,194,867
PRIMARY	109,884	
TOTAL ACCOUNT 361	2,304,751	
362-STATION EQUIPMENT		
13.8Kv	15,876,153	15,876,153
PRIMARY	4,272,202	
SECONDARY	17,070,484	
TOTAL ACCOUNT 362	37,218,839	
364-POLES, TOWERS, FIXTURES		
PRIMARY CAPACITY	1,536,066	
SECONDARY CAPACITY	1,261,869	
TOTAL ACCOUNT 364	2,797,935	
365-OVERHEAD CONDUCTORS		
PRIMARY CAPACITY	3,590,591	
SECONDARY CAPACITY	2,090,724	
TOTAL ACCOUNT 365	5,681,315	
366-UNDERGROUND CONDUIT		
13.8Kv	7,862,190	7,862,190
PRIMARY	4,078,742	
SECONDARY	6,514,914	

TOTAL ACCOUNT 366	18,455,846	
367-UNDERGROUND CONDUCTORS		
13.8Kv	24,681,277	24,681,277
PRIMARY	9,645,557	
SECONDARY	12,955,306	
TOTAL ACCOUNT 367	47,282,140	
368-LINE TRANSFORMERS		
CAPACITY COMPONENT	4,366,733	
TOTAL ACCOUNT 368	4,366,733	
369-SERVICES		
CUSTOMER COMPONENT	6,338,889	
TOTAL ACCOUNT 369	6,338,889	
370-METERS	3,632,369	
373-STREET LIGHTING	3,785,751	
TOTAL DISTRIBUTION PLANT	132,103,555	50,728,464
GENERAL PLANT		
389-399 GENERAL PLANT		
TRANSMISION (INC 13.8KV) COMPONENT	653,960	653,960
OTHER COMPONENT	2,949,047	
TOTAL GENERAL PLANT	3,603,007	
 TOTAL PLANT IN SERVICE (exc Gen Plt)	 168,540,238	 85,111,487
TOTAL PLANT IN SERVICE	172,143,245	85,765,448

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004**

Beginning and Year end Average from Power plant

ACCUMULATED PROVISION FOR DEPRECIATION	Total	
INTANGIBLE PLANT		
303-MISC. INTANGIBLE PLANT	605,461	
TOTAL INTANGIBLE PLANT	605,461	
PRODUCTION PLANT		
314-GENERATORS	-	
315-ACCESSORY ELECTRIC EQUIPMENT	-	
TOTAL PRODUCTION PLANT	-	
TRANSMISSION PLANT		
352-STRUCTURES AND IMPROVEMENTS	1,746,169	1,746,169
353-STATION EQUIPMENT	3,111,112	3,111,112
354-TOWERS AND FIXTURES	-	-
355-POLES AND FIXTURES	14,523	14,523
356-OH CONDUCTORS AND DEVICES	-	-
357-UNDERGROUND CONDUIT	1,894,732	1,894,732
358-UNDERGROUND CONDUCTORS AND DEVICES	2,183,360	2,183,360
359-ROADS AND TRAILS	-	-
TOTAL TRANSMISSION PLANT	8,949,896	8,949,896

DISTRIBUTION PLANT

361-STRUCTURES AND IMPROV.		
13.8Kv	1,358,606	1,358,606
PRIMARY	68,017	
TOTAL ACCOUNT 361	1,426,623	1,358,606
362-STATION EQUIPMENT		
13.8Kv	7,284,590	7,284,590
PRIMARY	1,960,251	
SECONDARY	7,832,595	
TOTAL ACCOUNT 362	17,077,435	7,284,590
364-POLES, TOWERS, FIXTURES		
PRIMARY CAPACITY	760,268	
SECONDARY CAPACITY	624,555	
TOTAL ACCOUNT 364	1,384,823	
365-OVERHEAD CONDUCTORS		
PRIMARY CAPACITY	1,366,525	
SECONDARY CAPACITY	795,698	
TOTAL ACCOUNT 365	2,162,223	
366-UNDERGROUND CONDUIT		
13.8Kv	3,617,861	3,617,861
PRIMARY	1,876,872	
SECONDARY	2,997,899	
TOTAL ACCOUNT 366	8,492,633	3,617,861
367-UNDERGROUND CONDUCTORS		
13.8Kv	5,578,694	5,578,694
PRIMARY	2,180,179	
SECONDARY	2,928,280	
TOTAL ACCOUNT 367	10,687,153	5,578,694
368-LINE TRANSFORMERS		
CAPACITY COMPONENT	1,837,454	
TOTAL ACCOUNT 368	1,837,454	
369-SERVICES		
CUSTOMER COMPONENT	2,867,523	
TOTAL ACCOUNT 369	2,867,523	
370-METERS	(401,960)	
373-STREET LIGHTING	1,747,402	
TOTAL DISTRIBUTION PLANT	47,281,309	17,839,750
GENERAL PLANT DEPRECIATION		
389-399 GENERAL PLANT		
TOTAL GENERAL PLANT	32,922	0
TOTAL ACCUM. PROVISION FOR DEPRECIATION	56,869,589	26,789,647
ACCUMULATED AMORTIZATION		
TRANSMISION (INC 13.8KV) COMPONENT	-	-
OTHER COMPONENT	-	-
TOTAL ACCUMULATED AMORTIZATION	-	-

TOTAL ACCUM. DEPRECIATION AND AMORTIZATION

56,869,589

26,789,647

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004**

Beginning and Year end Average

ADDITIONS TO RATE BASE

Total

WORKING CAPITAL

MATERIALS AND SUPPLIES

TRANSMISSION & DISTRIBUTION

1,036,008

534,391

OTHER INVESTMENTS

-

0

TOTAL MATERIALS AND SUPPLIES

1,036,008

534,391

**Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004**

Beginning and Year end Average from Power plant

DEPRECIATION EXPENSE

Total

INTANGIBLE PLANT

303-MISC. INTANGIBLE PLANT

313,581

TOTAL INTANGIBLE PLANT - DEPR EXP

313,581

-

PRODUCTION PLANT

314-GENERATORS

-

315-ACCESSORY ELECTRIC EQUIPMENT

-

TOTAL PRODUCTION PLANT - DEPR EXP

-

TRANSMISSION PLANT

352-STRUCTURES AND IMPROVEMENTS

108,880

108,880

353-STATION EQUIPMENT

228,798

228,798

354-TOWERS AND FIXTURES

-

-

355-POLES AND FIXTURES

916

916

356-OH CONDUCTORS AND DEVICES

-

-

357-UNDERGROUND CONDUIT

123,691

123,691

358-UNDERGROUND CONDUCTORS AND DEVICES

220,990

220,990

359-ROADS AND TRAILS

-

-

TOTAL TRANSMISSION PLANT - DEPR EXP

683,275

683,275

DISTRIBUTION PLANT

361-STRUCTURES AND IMPROV.

13.8Kv

58,660

58,660

PRIMARY

2,937

TOTAL ACCOUNT 361

61,597

58,660

362-STATION EQUIPMENT

13.8Kv

451,208

451,208

PRIMARY

121,418

SECONDARY	485,151	
TOTAL ACCOUNT 362	1,057,777	451,208
364-POLES, TOWERS, FIXTURES		
PRIMARY CAPACITY	65,619	
SECONDARY CAPACITY	53,906	
TOTAL ACCOUNT 364	119,525	
365-OVERHEAD CONDUCTORS		
PRIMARY CAPACITY	160,604	
SECONDARY CAPACITY	93,516	
TOTAL ACCOUNT 365	254,120	
366-UNDERGROUND CONDUIT		
13.8Kv	175,113	175,113
PRIMARY	90,845	
SECONDARY	145,105	
TOTAL ACCOUNT 366	411,062	175,113
367-UNDERGROUND CONDUCTORS		
13.8Kv	699,981	699,981
PRIMARY	273,556	
SECONDARY	367,423	
TOTAL ACCOUNT 367	1,340,960	699,981
368-LINE TRANSFORMERS		
CAPACITY COMPONENT	131,999	
TOTAL ACCOUNT 368	131,999	
369-SERVICES		
CUSTOMER COMPONENT	278,281	
TOTAL ACCOUNT 369	278,281	
370-METERS	148,576	
373-STREET LIGHTING	238,112	
TOTAL DISTRIBUTION PLANT - DEPR EXP	4,042,009	1,384,961
GENERAL PLANT		
389-399 GENERAL PLANT		
TOTAL GENERAL PLANT	86,078	0
TOTAL DEPRECIATION EXPENSE	5,124,943	2,068,236
AMORTIZATION EXPENSE		
TRANSMISION (INC 13.8KV) COMPONENT	-	-
OTHER COMPONENT	-	-
TOTAL AMORTIZATION EXPENSE	-	-
TOTAL DEPRECIATION AND AMORTIZATION	5,124,943	2,068,236

Scheduling, System Control and Dispatch Service(Schedule 1)

PROPOSED

Shading denotes an input

		Attachment H		
		Reference	Cambridge	Reference
		Section:		
Line No.	I. INVESTMENT BASE			
1	Transmission Plant	I (A)(1)(a)	0	Worksheet 3, line 1 column 5
2	General & Intangible Plant	I (A)(1)(c)	0	Worksheet 3, line 2 column 5
3	Plant Held For Future Use	I (A)(1)(d)	0	Worksheet 3, line 4 column 5
4	Total Plant (Lines 1+2+3)		0	
5	Accumulated Depreciation & Amortization	I (A)(1)(e)	0	Worksheet 3, line 7 column 5
6	Accumulated Deferred Income Taxes	I (A)(1)(f)	0	Worksheet 3, line 10 column 5
7	Loss On Reacquired Debt	N/A	0	Worksheet 3, line 11 column 5
8	Other Regulatory Asssets	N/A	0	Worksheet 3, line 14 column 5
9	Net Investment (Line 4-5-6+7+8)		0	
11	Materials & Supplies	I (A)(1)(g)	0	Worksheet 3, line 16 column 5
12	Prepayments	I (A)(1)(h)	13,764	Worksheet 3, line 15 column 5
13	Cash Working Capital	I (A)(1)(i)	26,828	Worksheet 3, line 23 column 5
14	Total Investment Base (Line 9+11+12+13)		40,592	
II. REVENUE REQUIREMENTS				
15	Investment Return and Income Taxes	I (A)(2)	6,422	Worksheet 2
16	Depreciation & Amortization Expense	I (B)	0	Worksheet 4, line 3 column 5
17	Amortization of Loss on Reacquired Debt	N/A	0	Worksheet 4, line 4 column 5
18	Investment Tax Credit	I (C)	0	Worksheet 4, line 5 column 5
19	Property Taxes	I (D)	0	Worksheet 4, line 8 column 5
19.5	Other Taxes (Payroll Taxes Re-Classified)	I (E)	7,431	Worksheet 4, line 17 column 5
20	Trans. Operation & Maintenance Expense	I (F)	24,986	Worksheet 4, line 9 minus line 10 column 5
21	Administrative & General Expense	I (G)	133,085	Worksheet 4, line 15 column 5
22	Transmission Related Distribution O&M Expenses	I(H)	56,551	Worksheet 4, line 10a column 5
23	Transmission By Others Expense	I (I)	0	Acct 565 Support Charges include HQ AC & Comet Support
24	Transmission Related Expense from Generators	N/A	0	
25	Transmission Related Taxes and Fees Charge	N/A	0	
26	Transmission Revenue Credits for Network Integr.	II	0	Acct 456 Worksheet 7
27	Trans. Rents Received from Electric Property	N/A	0	Acct 454 Mirant Kendall Facilities
28	RNS & Through or Out revenues received		\$0	
29	Total Dispatch OATT Revenue Requirements (Line 15 thru 28)		228,475	
Present Dispatch OATT Revenue Requirement			\$14,045	= 50% of Account 556
Difference			\$214,429	

Cambridge Electric Light Company (CEC)
Annual Revenue Requirements
for costs in 2004

D.T.E. 04-114
Attachment AG-2-13(b)
Page 17 of 37

Shading denotes an input

	CAPITALIZATION 12/31/04	CAPITALIZATION RATIOS	COST OF CAPITAL	COST OF CAPITAL	EQUITY PORTION
LONG-TERM DEBT	\$ 25,000,000	22.35%	7.90%	1.77%	
PREFERRED STOCK	0	0.00%	0.00%	0.00%	0.00%
COMMON EQUITY	86,842,536	77.65%	11.00%	8.54%	8.54%
TOTAL INVESTMENT RETURN	\$ 111,842,536	100.00%		10.31%	8.54%

Cost of Capital Rate=

(a) Weighted Cost of Capital = 0.1031

(b) Federal Income Tax =
$$\left(\frac{\text{R.O.E.} + \left(\frac{\text{Inv.} \cdot \text{Eq. AFUDC of Deprec. Exp.}}{\text{Inv. Base}} \right)}{1} \right) \times \frac{\text{Federal Income Tax Rate}}{\text{Federal Income Tax Rate}}$$

=
$$\left(\frac{0.0854 + \left(\frac{0 + 0}{40,592} \right)}{1} \right) \times \frac{0.35}{0.35}$$

= 0.0459846

(c) State Income Tax =
$$\left(\frac{\text{R.O.E.} + \left(\frac{\text{Inv.} \cdot \text{Eq. AFUDC of Deprec. Exp.}}{\text{Inv. Base}} \right)}{1} \right) + \frac{\text{Federal Income Tax}}{\text{State Income Tax Rate}} \times \text{State Income Tax Rate}$$

=
$$\left(\frac{0.0854 + \left(\frac{0 + 0}{40,592} \right)}{1} \right) + \frac{0.0459846}{0.065} \times 0.065$$

= 0.0091337

(a)+(b)+(c) Cost of Capital Rate = 0.1582183

	<u>(LNS)</u>
INVESTMENT BASE	\$ 40,592
x Cost of Capital Rate	0.1582183
= Investment Return and Income Taxes	<u>6,422</u>

Shading denotes an input

Line No.	(1) Total	(2) Wage/Plant Allocation Factors	(3) = (1)*(2) Transmission Allocated	(4) LNS Allocation Factor (b)	(5) = (3)*(4) LNS Allocated	FERC Form 1 Reference for col (1)
<u>Transmission Plant</u>						
1 Transmission Plant	0		0	0.0000%	0	(d) Worksheet 5, Cell E16
2 General Plant	0	2.1885% (a)	0	0.0000%	0	Page 207.83(b&g avg)
3 Intangible Plant	0	2.1885% (a)	0	0.0000%	0	Page 207.83(b&g avg)
4 Total (lines 1-3)	0		0	0.0000%	0	
5 <u>Transmission Plant Held for Future Use</u>	0		0	0.0000%	0	Page 214 and fixed capital acct 105 (beg & yr avg)
<u>Transmission Accumulated Depreciation</u>						
6 Transmission Accum. Depreciation	0		0	0.0000%	0	Worksheet 5, Cells D102+D139+D152
7 General Plant Accum. Depreciation	0	2.1885% (a)	0	0.0000%	0	Worksheet 9, Cell C144
8 Intangible Plant Accum. Depreciation	0	2.1885% (a)	0	0.0000%	0	Worksheet 9, Cell C88
9 Total (lines 6-9)			0		0	
<u>Transmission Accumulated Deferred Taxes</u>						
10 Accumulated Deferred Taxes (281)		0.0000% (c)	0	0.0000%	0	Page 273.8(k)
11 Accumulated Deferred Taxes (282)	25,749,463	0.0000% (c)	0	0.0000%	0	Page 275.2(k)
12 Accumulated Deferred Taxes (283)	5,660,941	0.0000%	0	0.0000%	0	Page 450.1 (detail)
13 Accumulated Deferred Taxes (190)	(3,164,595)	0.0000%	0	0.0000%	0	Page 234 @ detail
14 Total (line 10-14)	28,245,809		0		0	
15 <u>Transmission loss on Reacq. Debt (189)</u>	0	0.0000% (c)	0	0.0000%	0	
<u>Other Regulatory Assets/Liabilities</u>						
16 FAS 106 (182.3&254)	0	2.1885% (a)	0	100.0000%	0	Page 232 (182.50)
17 FAS 109 (182.3 & 254)	(684,067)	0.0000% (c)	0	0.0000%	0	Page 232 or Pg 254
18 Total (line 12+13+13.5)	(684,067)		0	0.0000%	0	
15 <u>Transmission Prepayments</u>	628,923	2.1885% (a)	13,764	100.0000%	13,764	Page 110.46
16 <u>Transmission Materials and Supplies</u>	0		0	0.0000%	0	Worksheet 9, Cell D171
17 <u>Cash Working Capital</u>						
18 Operation & Maintenance Expense					81,537	Worksheet 1, Line 20
19 Administrative & General Expense					133,085	Worksheet 1, Line 21
20 Transmission Support Expense					0	Worksheet 1, Line 24
21 Subtotal (line 18+19+20)					214,622	
22					0.125	x 45 / 360
23 Total (line 21 * line 22)					26,828	

(a) Worksheet 5 of 8, line 11

(b) Worksheet 5 of 8, line 3

(c) Worksheet 5 of 8, line 14

(d) LNS Facilities

'(1) Since "Other Regulatory Liabilities" are limited to offsetting the amounts of assets specifically associated with FAS 106 and FAS 109, the accounting for the amounts of regulatory liability was incorporated individually in the calculation of the net asset/liability amount for FAS 106 and FAS 109 reflected in lines 12 and 13.

Account 190 - Non-Property

Uncollectible accounts	134,796	0.0000%	0	0.0000%	0
Sales taxes	130,716	0.0000%	0	0.0000%	0
Demand side management	1,407,737	0.0000%	0	0.0000%	0

Shading denotes an input

(2)

(4)

Line No	(1) Total	Wage/Plant Allocation Factors	(3) = (1)*(2) Transmission Allocated	LNS Allocation Factor (b)	(5) = (3)*(4) LNS Allocated	FERC Form 1 Reference for col (1)
<u>Depreciation Expense</u>						
1	0		0	0.0000%	0	Worksheet 9, Cells D197+D234+D248
2	0	2.1885% (a)	0	0.0000%	0	Worksheet 9, Cell C239
3	0	2.1885% (a)	0	0.0000%	0	Worksheet 9, Cell C183
4			0		0	
5	0	0.0000% (c)	0	0.0000%	0	
6	0	0.0000% (c)	0	0.0000%	0	Page 266.8f
<u>Property Taxes</u>						
7	0	0.0000%	0	0.0000%	0	Page 263.6i
8	0	2.1885% (a)	0	0.0000%	0	
9			0		0	
<u>Transmission Operation and Maintenance</u>						
10	0		0	0.0000%	0	Page 321.100b
11	24,986		24,986	100.0000%	24,986	
12	0		0	0.0000%	0	
13	0		0	0.0000%	0	
14	0		0	0.0000%	0	
15	0		0	0.0000%	0	
16	0		0	0.0000%	0	Page 321.88b
17	0		0	0.0000%	0	
18	56,551		56,551	100.0000%	56,551	Worksheet 8, Cell F56 13.8kv portion of 581
19	81,537		81,537	0.0000%	81,537	
<u>Transmission Administrative and General</u>						
20	6,655,902					Page 323.168b or worksheet 9, cell E94
21	(22,466)					
22	(457,318)					
23	(95,026)					
24	6,081,092	2.1885%	133,085	100.0000%	133,085	
25	22,466	0.0000%	0	0.0000%	0	
26	396,007	0.0000%	0	0.0000%	0	
27	0	100.0000%	0	0.0000%	0	
28	0	100.0000%	0	0.0000%	0	
29	7,208,246		133,085		133,085	
30	339,543	2.1885%	7,431	100.0000%	7,431	Footnote (a)

(a) Payroll taxes FERC Form 1, page 263.i, 263.1i

Federal Unemployment	0	
FICA	0	
Medicare	0	
State Unemployment	0	
Environmental	0	
State Universal Health	0	
Services Co. Allocation & A&G Capit.	339,543	change
	0	
Total	339,543	

Sheet: Worksheet 5

Shading denotes an input

Line
No.

Plant Investments reflect Beginning and Year end Averages

FERC Form 1
Reference

LNS Transmission Plant Allocation Factor

Cambridge

1	Transmission Investment	0	Worksheet 9, cell D25
	plus 13.8kv Distribution Investment Categorized as Trans.	0	Worksheet 9, cell D66
1a		0	
2	Transmission Investment	0	Worksheet 9, cell D25
	plus 13.8kv Distribution Investment Categorized as Trans.	0	Worksheet 9, cell D66
2a		0	
3	Percent Allocation (line 1a/2a)	0.0000%	

Transmission Wages and Salaries Allocation Factor

4	Direct Transmission Wages and Salaries less 561& 581(part)	79,746	Worksheet 8, cell G70
5	Affiliated Company Transmission Wages and Salaries	0	Worksheet 6 of 8
6	Total Transmission Wages and Salaries (line 4+ 5)	79,746	
7	Total Wages and Salaries	5,049,966	Page 354.25b +line 5
8	Administrative and General Wages and Salaries	1,406,154	Page 354.24b
9	Affiliated Company Wages and Salaries less A&G	0	Worksheet 6 of 8
10	Total Wages and Salaries net of A&G (line 7 - 8 + 9)	3,643,812	
11	Percent Allocation (line 6/10)	2.1885%	

Plant Allocation Factor

12	Total Transmission Investment	0	Cell E16
	plus Trans.-Related General & Intan. Plant (Line 2+3 of Wkst. 3)	0	Worksheet 9, Cell D69+ D
12 Rev	= Revised Numerator	0	
13	Total Plant in Service (INCLUDING General Plant)	172,143,245	Page 207.88(b&g avg)
14	Percent Allocation (line 12 Rev / 13)	0.0000%	

Shading denotes an input

Line		Cambridge	#REF!	#REF!
"Affiliated" Transmission Wages and Salaries				
#560 - 573				
1	560	0	0	0
2	562	0	0	0
3	564	0	0	0
4	566	0	0	0
5	568	0	0	0
6	569	0	0	0
7	570	0	0	0
8	571	0	0	0
9	572	0	0	0
10	573	0	0	0
11 = 1 thru 10	Total Transmission	<u>0</u>	<u>0</u>	<u>0</u>
12 = Total "Affiliated" Wages and Salaries		<u>0</u>	<u>0</u>	<u>0</u>
Less "Affiliated" Administrative and General Salaries				
#920 - 935				
13	920	0	0	0
14	921	0	0	0
15	923	0	0	0
16	925	0	0	0
17	926	0	0	0
18	928	0	0	0
19	930	0	0	0
20	935	0	0	0
21 = 13 thru 20		<u>0</u>	<u>0</u>	<u>0</u>
22 = 12 less 21	Total "Affiliated" less A&G	<u>0</u>	<u>0</u>	<u>0</u>

Cambridge Electric Light Company
Transmission Cost of Service Study
12 Months Ending December 31, 2004

The COS Data Link inputs data directly from Revenue Requirements COS models

O&M Expenses	Labor (1)	Non Labor (2)	Total O&M (3)	Transmission & Dist. 13.8kv O&M (4)=(3)*Plant Ratios	Transmission & Dist. 13.8kv Labor (5)=(1)* O&M ratios
500 FERC Operation Supervision and Engineering	\$0	\$0	\$0		
501 FERC Summary Fuel	\$0	\$0	\$0		
502 FERC Summary Steam Expenses	\$0	\$0	\$0		
504 FERC Less Steam Transferred-Credit	\$0	\$0	\$0		
505 FERC Summary Electric Expense	\$0	\$0	\$0		
506 FERC Summary Misc. steam Power	\$0	\$0	\$0		
513 FERC Summary Maintenance of El	\$0	\$0	\$0		
555 FERC Summary Purchased Power 5	\$0	\$88,516,915	\$88,516,915		
556 FERC Summary System Control &	\$26,431	\$1,660	\$28,091		
557 FERC Summary Other Expenses 55	\$0	\$6,520,485	\$6,520,485		
Production Total					
560 FERC Summary Operation, Superv	\$46,575	(\$11,001)	\$35,574	\$0	\$0
561 FERC Summary Load Dispatching	\$24,986	\$435,896	\$460,882	\$460,882	\$24,986
562 FERC Summary Station Expenses	\$2,376	\$1,377	\$3,753	\$0	\$0
563 FERC Summary Overhead Line Exp	\$0	\$2,721	\$2,721	\$0	\$0
564 FERC Summary Underground Line	\$0	\$2,642	\$2,642	\$0	\$0
565 FERC Summary Transmission of E	\$0	\$21,034,178	\$21,034,178	\$0	\$0
566 FERC Summary Misc. Transmissio	\$0	\$5,871	\$5,871	\$0	\$0
567 FERC Summary Rents	\$0	\$0	\$0	\$0	\$0
568 FERC Summary Maintenance, Supervision	\$24,549	\$0	\$24,549	\$0	\$0
569 FERC Summary Maintenance of Structures	\$0	\$0	\$0	\$0	\$0
570 FERC Summary Maintenance of station equip	\$2,761	\$357	\$3,118	\$0	\$0
571 FERC Summary Mainten. of overhead lines	\$0	\$15,137	\$15,137	\$0	\$0
572 FERC Summary Mainten. of Undergr. Lines	\$3,695	\$13	\$3,708	\$0	\$0
573 FERC Summary Maintenance of Misc. Plt.	\$0	\$0	\$0	\$0	\$0
Transmission Total	\$104,942	\$21,487,190	\$21,592,132	\$460,882	\$24,986
580 FERC Summary Operation, Superv	\$303,145	(\$24,425)	\$278,721	\$0	\$0
581 FERC Summary Load Dispatching	\$142,602	\$4,665	\$147,267	\$56,551	\$54,760
582 FERC Summary Station Expenses	\$299,867	\$255,408	\$555,275	\$0	\$0
583 FERC Summary Overhead Line Exp	\$206,560	\$59,052	\$265,612	\$0	\$0
584 FERC Summary Underground Line	\$263,747	\$150,578	\$414,325	\$0	\$0
585 FERC Summary Street Lighting &	\$5,998	\$773	\$6,771		
586 FERC Summary Meter Expenses 58	\$293,232	\$76,883	\$370,115		
587 FERC Summary Customer Install	\$68,832	(\$8,427)	\$60,406		
588 FERC Summary Misc. Distributio	(\$86,942)	\$87,761	\$819	\$0	\$0
589 FERC Summary Rents 589	\$0	\$546,479	\$546,479	\$0	\$0

*

Account 581 allocated

590 FERC Summary Supv & Engineering	\$205,836	(\$10)	\$205,826	\$0	\$0
591 FERC Summary Maintenance of St	\$45,969	\$3,486	\$49,455	\$0	\$0
592 FERC Summary Maint of Station	\$119,115	\$14,680	\$133,794	\$0	\$0
593 FERC Summary Maint of Overhead	\$102,573	\$61,972	\$164,545	\$0	\$0
594 FERC Summary Maint of Undergr. Lines	\$243,857	\$192,513	\$436,369	\$0	\$0
595 FERC Summary Maint of Line Transformers	\$0	\$1	\$1	\$0	\$0
596 FERC Summary Maint of Street Lighting	\$1,832	(\$688)	\$1,144	\$0	\$0
597 FERC Summary Meters	\$35	\$54,952	\$54,987	\$0	\$0
598 FERC Summary Maint of Misc Distribution	\$2,216,259	\$1,475,653	\$3,691,912	\$56,551	\$54,760
Distribution Total					
901 FERC Summary Supervision 901	\$74,133	\$2,502	\$76,635		
902 FERC Summary Meter Reading Exp	\$225,206	\$120,730	\$345,936		
903 FERC Summary Customer Records	\$455,944	\$798,217	\$1,254,161		
904 FERC Summary Uncollectable Acc	\$0	\$151,401	\$151,401		
905 FERC Summary Misc. Customer Ac	\$6	\$64,220	\$64,226		
907 FERC Summary Supervision	\$1	\$0	\$1		
908 FERC Summary Customer Assistan	\$361,945	\$3,736,765	\$4,098,711		
909 FERC Summary Informational & I	\$0	\$18,257	\$18,257		
910 FERC Summary Misc. Customer Se	\$139,415	\$103,566	\$242,981		
911 FERC Summary Supervision 911	\$37,354	\$1,662	\$39,016		
912 FERC Summary A/C 912	\$1,942	\$57	\$1,999		
913 FERC Summary A/C 913	\$0	\$1	\$1		
916 FERC Summary Misc. Sales Expen	\$234	\$10,733	\$10,967		
Total (excl. A & G)	\$3,643,812	\$123,010,015	\$126,653,827	\$517,433	\$79,746
Administrative and General					
920 FERC Summary Admin & General S	\$1,696,959	\$313,278	\$2,010,237	\$43,994	\$37,138
921 FERC Summary Office Supplies &	(\$337)	\$328,153	\$327,816	\$7,174	(\$7)
922 FERC Summary Admin Expenses Tr	(\$291,232)	(\$131,220)	(\$422,452)	-\$9,245	(\$6,374)
923 FERC Summary Outside Services	\$0	\$281,087	\$281,087	\$6,152	\$0
924 FERC Summary Property Insuranc	\$0	\$22,466	\$22,466	\$0	\$0
925 FERC Summary Injuries & Damage	\$0	\$413,844	\$413,844	\$9,057	\$0
926 FERC Summary Employee Pension	\$764	\$3,265,669	\$3,266,433	\$71,487	\$17
928 FERC Summary Regulatory Commis	\$0	\$457,318	\$457,318	\$0	\$0
930.1 FERC Summary Gen. Ad Expens	\$0	\$95,026	\$95,026	\$0	\$0
930.2 FERC Summary Misc. General Expens	\$0	\$27,739	\$27,739	\$607	\$0
931 FERC Summary Rents 931	\$0	\$176,388	\$176,388	\$3,860	\$0
935 FERC Summary Maint of General	\$0	\$0	\$0	\$0	\$0
Total A&G	\$1,406,154	\$5,249,747	\$6,655,902	\$133,086	\$30,774
Total	\$5,049,966	\$128,259,763	\$133,309,729	\$650,519	\$110,520
Administrative and General Allocation			\$143,586		

*

Network Integration Transmission

PROPOSED

Shading denotes an input

		Attachment H			
		Reference	Commonwealth		Reference
Line No.		Section:			
I. INVESTMENT BASE					
1	Transmission Plant	I (A)(1)(a)	117,329,533		Worksheet 3, line 1 column 5
2	General & Intangible Plant	I (A)(1)(b)	2,065,409		Worksheet 3, line 2 column 5
3	Plant Held For Future Use	I (A)(1)(c)	0		Worksheet 3, line 4 column 5
4	Total Plant (Lines 1+2+3)		119,394,942		
5	Accumulated Depreciation & Amortization	I (A)(1)(d)	56,471,181		Worksheet 3, line 7 column 5
6	Accumulated Deferred Income Taxes	I (A)(1)(e)	13,085,322		Worksheet 3, line 10 column 5
7	Loss On Reacquired Debt		0		Worksheet 3, line 11 column 5
8	Other Regulatory Assets	N/A	(123,562)		Worksheet 3, line 14 column 5
9	Net Investment (Line 4-5-6+7+8)		49,714,877		
11	Materials & Supplies	I (A)(1)(f)	263,416		Worksheet 3, line 16 column 5
12	Prepayments	I (A)(1)(g)	153,557		Worksheet 3, line 15 column 5
13	Cash Working Capital	I (A)(1)(h)	568,800		Worksheet 3, line 23 column 5
14	Total Investment Base (Line 9+11+12+13)		50,700,650		
II. REVENUE REQUIREMENTS					
15	Investment Return and Income Taxes	I (A)(2)	6,465,671		Worksheet 2
16	Depreciation & Amortization Expense	I (B)	4,132,239		Worksheet 4, line 3 column 5
17	Amortization of Loss on Reacquired Debt	N/A	0		Worksheet 4, line 4 column 5
18	Investment Tax Credit	I (C)	(62,779)		Worksheet 4, line 5 column 5
19	Property Taxes	I (D)	906,794		Worksheet 4, line 8 column 5
19.5	Other Taxes (Payroll Taxes Re-Classified)	I (E)	79,812		Worksheet 4, line 15 column 5
20	Operation & Maintenance Expense	I (F)	2,139,326		Worksheet 4, line 11 column 5
21	Administrative & General Expense	I (G)	1,376,762		Worksheet 4, line 14 column 5
22	Transmission Related Integrated Facilities Charge	N/A	0		
23	Transmission By Others Expense	I (H)	1,034,315	Acct 565 includes HQ AC expenses	Worksheet 7
24	Transmission Related Expense from Generators	N/A	0		
25	Transmission Related Taxes and Fees Charge	N/A	0		
26	Transmission Revenue Credits for Network Integr.	II	(812,734)	Acct 456 Includes only Nantucket	Worksheet 7
27	Trans. Rents Received from Electric Property	N/A	0		
28	RNS & Through or Out Revenues received		(9,116,595)		
29	Total OATT Revenue Requirements (Line 15 thru 28)		\$6,142,811		

Commonwealth Electric Company (CEC)
Annual Revenue Requirements
for costs in 2004

D.T.E. 04-114
Attachment AG-2-13(b)
Page 25 of 37

Shading denotes an input

	CAPITALIZATION 12/31/04	CAPITALIZATION RATIOS	COST OF CAPITAL	COST OF CAPITAL	EQUITY PORTION
LONG-TERM DEBT	\$ 232,706,775	41.18%	4.51%	1.86%	
PREFERRED STOCK	0	0.00%	0.00%	0.00%	0.00%
COMMON EQUITY	332,452,649	58.82%	11.25%	6.62%	6.62%
TOTAL INVESTMENT RETURN	\$ 565,159,424	100.00%		8.48%	6.62%

Cost of Capital Rate=

(a) Weighted Cost of Capital = 0.0848

(b) Federal Income Tax =
$$\left(\frac{\text{R.O.E.} + \left(\frac{\text{Inv. (Tax Credit} + \text{Eq. AFUDC of Deprec. Exp.)}}{\text{Inv. Base}} \right)}{1} \right) \times \frac{\text{Federal Income Tax Rate}}{\text{Federal Income Tax Rate}}$$

=
$$\left(\frac{0.0662 + \left(\frac{0 + 0}{50,700,650} \right)}{1} \right) \times \frac{0.35}{0.35}$$

= 0.0356462

(c) State Income Tax =
$$\left(\frac{\text{R.O.E.} + \left(\frac{\text{Inv. (Tax Credit} + \text{Eq. AFUDC of Deprec. Exp.)}}{\text{Inv. Base}} \right)}{1} \right) + \frac{\text{Federal Income Tax}}{\text{State Income Tax Rate}} \times \text{State Income Tax Rate}$$

=
$$\left(\frac{0.0662 + \left(\frac{0 + 0}{50,700,650} \right)}{1} \right) + \frac{0.0356462}{0.065} \times 0.065$$

= 0.0070802

(a)+(b)+(c) Cost of Capital Rate = 0.1275264

	<u>(LNS)</u>
INVESTMENT BASE	\$ 50,700,650
x Cost of Capital Rate	0.1275264
= Investment Return and Income Taxes	<u>6,465,671</u>

Sheet: Worksheet 3a

Shading denotes an input

Line No.	(1) Total	(2) Wage/Plant Allocation Factors	(3) = (1)*(2) Transmission Allocated	(4) LNS Allocation Factor (b)	(5) = (3)/(4) LNS Allocated	FERC Form 1 Reference for col (1)
	<u>Transmission Plant</u>					
1	117,329,533		117,329,533		117,329,533	(d) Page 207.58(g)
2	49,659,312	3.3381% (a)	1,657,677	100.0000%	1,657,677	Page 207.90(g)
3	12,214,496	3.3381% (a)	407,732	100.0000%	407,732	Page 205.5(g)
4			<u>119,394,942</u>		<u>119,394,942</u>	
5	0		0	100.0000%	0	Page 214 and fixed capital acct 105
	<u>Transmission Accumulated Depreciation</u>					
6	55,754,631		55,754,631	100.0000%	55,754,631	Page 219.25b
7	17,454,940	3.3381% (a)	582,663	100.0000%	582,663	Page 219.27b
8	4,010,880	3.3381% (a)	133,887	100.0000%	133,887	Page 200.21b
9			<u>56,471,181</u>		<u>56,471,181</u>	
	<u>Transmission Accumulated Deferred Taxes</u>					
10	0			100.0000%		Page 273.8(k)
11	83,220,641	15.7819% (c)	13,133,798	100.0000%	13,133,798	Page 275.2(k)
12	67,940,043	0.5572%	378,554	100.0000%	378,554	Page 450.1 (detail)
13	(10,867,359)	3.9295%	(427,030)	100.0000%	(427,030)	Page 234 © detail
14			<u>13,085,322</u>		<u>13,085,322</u>	
15	0	15.7819% (c)	0	100.0000%	0	
	<u>Other Regulatory Assets/Liabilities</u>					
16	279,190	3.3381% (a)	9,320	100.0000%	9,320	Page 232 (182.50) Note Only Fas 106 in a
17	(841,992)	15.7819% (c)	(132,882)	100.0000%	(132,882)	Page 232 or Pg 254
18	<u>(562,802)</u>		<u>(123,562)</u>	100.0000%	<u>(123,562)</u>	
19	4,600,120	3.3381% (a)	153,557	100.0000%	153,557	Page 110.46(d)
20	263,416		263,416	100.0000%	263,416	Page 227.8(c)
21						
22						
23						
	<u>Cash Working Capital</u>					
24					2,139,326	Worksheet 1, Line 20
25					1,376,762	Worksheet 1, Line 21
26					1,034,315	Worksheet 1, Line 24
27					4,550,403	
28					0.125	x 45 / 360
29					<u>568,800</u>	

(a) Worksheet 5 of 8, line 11

(b) Worksheet 5 of 8, line 3

(c) Worksheet 5 of 8, line 14

(d) LNS Facilities

Account 190

Account 190 - Non-Property

Uncollectible accounts	960,078	0.0000%	0	100.0000%	0
Sales taxes	66,785	0.0000%	0	100.0000%	0
Demand side management	38,400	0.0000%	0	100.0000%	0
Waste cleanup			0	100.0000%	0
Self insurance	539,344	15.7819%	85,119	100.0000%	85,119
Storm contingency			0	100.0000%	0
Provision for rate refund	399,793	0.0000%	0	100.0000%	0
Clean air allowances			0	100.0000%	0
Pension costs	1,497,274	3.3381%	49,981	100.0000%	49,981
Amended returns	1,440,546	15.7819%	227,346	100.0000%	227,346
Regulatory assets	5,515,902		0	100.0000%	0
Other	409,237	15.7819%	64,585	100.0000%	64,585
	<u>10,867,359</u>		<u>427,030</u>		<u>427,031</u>

Account 283 - Non-Property

Property tax			0		0
Cost to achieve	(5,224,882)	0	0	100.0000%	0
Deferrals of power costs	(55,009,280)	0	0	100.0000%	0
Post retire benefit costs	(6,730,906)	3.3381%	(224,684)	100.0000%	(224,684)
Pension costs			0	100.0000%	0
Bond redemption call premiums			0	100.0000%	0
Interest capitalized			0	100.0000%	0
Carryback refund			0	100.0000%	0
Other	(974,975)	15.7819%	(153,870)	100.0000%	(153,870)
	<u>(67,940,043)</u>		<u>(378,554)</u>		<u>(378,554)</u>

Shading denotes an input

Line No.	(1) Total	Wage/Plant Allocation Factors	(3) = (1)*(2) Transmission Allocated	LNS Allocation Factor (b)	(5) = (3)*(4) LNS Allocated	FERC Form 1 Reference for col (1)
Need Input from GEOFF						
1	Depreciation Expense					
2	Transmission Depreciation	4,073,247	4,073,247	100.0000%	4,073,247	Page 336.7b
3	General Depreciation (Account 403)	1,428,967	47,700	100.0000%	47,700	Page 336.9b
4	Amort General & Intangible Plt(Act 404, 405	1,767,234	58,992	100.0000%	58,992	Page 336.9b
	Total (line 1+2)		4,132,239		4,132,239	
5	Amortization of Loss on Reacquired Debt	0	0	100.0000%	0	Page 117.60d
6	Amortization of Investment Tax Credits	397,792	62,779	100.0000%	62,779	Page 266.8f
Property Taxes						
7	Property Taxes	5,745,783	906,794	100.0000%	906,794	Page 263.6i
8	General Property Taxes	0	0	100.0000%	0	
9	Total (line 7+8)		906,794		906,794	
Transmission Operation and Maintenance						
10	Operation Supervision & Engineering (560)	383,757	383,757	100.0000%	383,757	Page 321.100b
11	Station (562)	403,735	403,735	100.0000%	403,735	
12	Overhead Lines (563)	92,726	92,726	100.0000%	92,726	
13	Underground Lines (564)	32,093	32,093	100.0000%	32,093	
14	Misc (566)	122,021	122,021	100.0000%	122,021	
15	Rents (567)	23,388	23,388	100.0000%	23,388	
16	Maintenance (568-573)	1,081,606	1,081,606	100.0000%	1,081,606	Page 321.88b
17	Less Transmission Support Expenses (560-	0	0	100.0000%	0	
18	O&M less line 10 & 10a	2,139,326	2,139,326	100.0000%	2,139,326	
Transmission Administrative and General						
19	Administrative and General	30,611,486				Page 323.168b
20	Less Property Insurance (#924)	(86,596)				
21	Less Reg Commission Exp. (#928)	(1,181,769)				
22	less General Advertising Expense (#930.1)	(371,868)				
23	Subtotal (line 19 minus 20 thru 22)	28,971,253	967,089	100.0000%	967,089	Page 323.162b
24	plus Prop Ins. #924 using Plant Allocator	86,596	13,666	100.0000%	13,666	change
25	plus FERC Assessments in Account #928	396,007	396,007	100.0000%	396,007	
26	plus Federal or State Trans related expense	0	0	100.0000%	0	
27	plus trans. Expenses in Account #930.1	0	0	100.0000%	0	
28	Total A&G [line 23 plus 24 thru 27]	32,165,124	1,376,762		1,376,762	
29	Other Taxes (Payroll Taxes)	2,390,947	79,812	100.0000%	79,812	Footnote (a)

(a) Payroll taxes FERC Form 1, page 263.i ,263.1i

Federal Unemployment	0
FICA	0
Medicare	0
State Unemployment	0
Environmental	0
State Universal Health	0
Services Co. Allocation & A&G Capit.	2,390,947
Total	2,390,947

Shading denotes an input

Line No.			FERC Form 1 Reference
	Plant Investments reflect Beginning and Year end Averages		
	<u>LNS Transmission Plant Allocation Factor</u>	<u>Commonwealth</u>	
1	Transmission Investment	117,329,533	Page 207.58(g)
	plus Distribution Investment Categorized as Transmission	0	
1a		117,329,533	
2	Transmission Investment	117,329,533	Page 207.58(g)
	plus Distribution Investment Categorized as Transmission	0	
2a		117,329,533	
3	Percent Allocation (line 1a/2a)	100.0000%	
	<u>Transmission Wages and Salaries Allocation Factor</u>		
4	Direct Transmission Wages and Salaries less 561 labor	871,929	Page 354.19b
5	Affiliated Company Transmission Wages and Salaries	0	Worksheet 6 of 8
6	Total Transmission Wages and Salaries (line 4+ 5)	871,929	
7	Total Wages and Salaries	33,633,965	Page 354.25b +line 5
8	Administrative and General Wages and Salaries	7,513,251	Page 354.24b
9	Affiliated Company Wages and Salaries less A&G	0	Worksheet 6 of 8
10	Total Wages and Salaries net of A&G (line 7 - 8 + 9)	26,120,714	
11	Percent Allocation (line 6/10)	3.3381%	
	<u>Plant Allocation Factor</u>		
12	Total Transmission Investment	117,329,533	Page 207.53
	plus Trans.-Related General & Int. Plant (Line 2 of Wkst. 3)	2,065,409	Worksheet 3, Line 11& 12
12 Rev	= Revised Numerator	119,394,942	
13	Total Plant in Service (INCLUDING General Plant)	756,529,820	Page 207.88
14	Percent Allocation (line 12 Rev / 13)	15.7819%	

Affiliated Company Wages and Salaries

Shading denotes an input

Line		Commonwealth	#REF!	#REF!
"Affiliated" Transmission Wages and Salaries				
#560 - 573				
1	560	0	0	0
2	562	0	0	0
3	564	0	0	0
4	566	0	0	0
5	568	0	0	0
6	569	0	0	0
7	570	0	0	0
8	571	0	0	0
9	572	0	0	0
10	573	0	0	0
11 = 1 thru 10	Total Transmission	0	0	0
12 = Total "Affiliated" Wages and Salaries		0	0	0
Less "Affiliated" Administrative and General Salaries				
#920 - 935				
13	920	0	0	0
14	921	0	0	0
15	923	0	0	0
16	925	0	0	0
17	926	0	0	0
18	928	0	0	0
19	930	0	0	0
20	935	0	0	0
21 = 13 thru 20		0	0	0
22 = 12 less 21	Total "Affiliated" less A&G	0	0	0

SHEET: WORKSHEET 7A-1

COMMONWEALTH ELECTRIC COMPANY
2004 TRANSMISSION ACCOUNT 565 EXPENSES

COMPANY	TOTAL SUPPORT PAYMENTS	WHEELING PAYMENTS	ISO PAYMENTS	LOCAL NETWORK SERVICE CHARGE	TOTAL	LNS directly connected support and wheeling expenses
BOSTON EDISON (SUPPORT)						
STABILIZER LINE 342 PILG- MYLES STANDISH (CANAL 2 SUPPORT)	\$13,779					\$13,779
CARD STREET - LINE 336	\$12,330					\$12,330
JORDAN RD.-HOLBROOK, WALPOLE-MEDWAY (CANAL#2 SUPPORT)	\$655,200	\$0			\$681,309	\$655,200
TOTAL BOSTON EDISON	\$681,309					\$681,309
CANAL ELECTRIC (SUPPORT)						
HYDRO QUEBEC 1 (INCLUDES COMENERGY SERVICES BILLING)	\$257,347				\$257,347	
HYDRO QUEBEC 2 (includes com/energy services billing) see canal acct 456 breakout	\$1,701,439				\$1,701,439	
(Hydro-Quebec DC expenses)	\$1,359,545				\$1,359,545	
(Hydro-Quebec AC expenses)	\$341,894				\$341,894	\$341,894
SEABROOK 1	\$0				\$0	
TOTAL CANAL ELECTRIC	\$3,660,226	\$0			\$3,660,226	
SYSTEM IMPACT STUDIES						
MISCELLANEOUS		\$0			\$0	
CENTRAL MAINE POWER (SUPPORT)						
WYMAN #4 -345KV	\$0					
WYMAN #4 -115KV	\$0					
TOTAL CENTRAL MAINE POWER	\$0	\$0			\$0	
MONTAUP ELECTRIC COMPANY						
BELL ROCK ROAD (WHEELING)	\$0	\$11,112			\$11,112	\$11,112
BELL ROCK ROAD (SUPPORT)	\$0				\$0	\$0
LINE 331 EQUALIZER (SUPPORT)	\$0	\$11,112			\$11,112	\$11,112
TOTAL MONTAUP						
ISO NEW ENGLAND						
SYSTEM RESTORATION (Blackstart)			\$261,593		\$261,593	
THROUGH OR OUT EXPENSE			\$0		\$0	
REGIONAL NETWORK SERVICE			\$12,668,501		\$12,668,501	
CONGESTION MGT. CHARGES			\$1,856,567		\$1,856,567	
PHASE I & II UPLIFT CHARGES			\$0		\$0	
TOTAL ISO EXPENSE	\$0	\$0	\$14,786,660		\$14,786,660	
LOCAL NETWORK SERVICE CHARGE				\$4,797,406	\$4,797,406	
TOTAL TRANSMISSION PAYMENTS (ACCOUNT 565)	\$4,341,535	\$11,112	\$14,786,660	\$4,797,406	\$23,936,713	\$1,034,315

COMMONWEALTH ELECTRIC COMPANY
2004 TRANSMISSION ACCOUNT 456 REVENUES RECEIVED

COMPANY	TOTAL SUPPORT REVENUE	WHEELING REVENUE	ISO REVENUES	DISTRIBUTION REVENUE	LOCAL NETWORK SERVICE REVENUE	TOTAL	Support & Wheeling revenues received from use of directly connected facilities
CARRYING COST AGREEMENT (3/29/68)							
BOSTON EDISON	\$275,080					\$275,080	\$275,080
MONTAUP ELECTRIC	\$0					\$0	\$0
NEW ENGLAND POWER	\$47,040	\$0				\$47,040	\$47,040
TOTAL CARRYING COST	\$322,120					\$322,120	\$322,120
PILGRIM OFF-SITE COSTS (Energy)	\$5,175	\$0		\$69,693		\$74,868	\$5,175
CAMBRIDGE ELECTRIC 345KV COSTS	\$289,085	\$0				\$289,085	\$289,085
YANKEE COSTS							
MAINE YANKEE		\$0				\$0	\$0
CONNECTICUT YANKEE		\$0				\$0	\$0
VERMONT YANKEE		\$0				\$0	\$0
TOTAL YANKEE COSTS	\$0	\$0				\$0	\$0
NON-AFFIL. UTILITY TRANS. REV. (NANTUCKET) Non-Firm PTP & MBTA (Distribution)	\$0	\$281,648		\$0		\$281,648	\$281,648
Nantucket		\$196,354				\$196,354	\$196,354
Energy and MBTA		\$85,294				\$85,294	
ISO NEW ENGLAND REVENUE							
NEW ENGLAND POWER POOL (EHV- PTF)			\$0			\$0	\$0
REGIONAL TRANSMISSION REVENUES			\$9,116,595			\$9,116,595	\$9,116,595
NEW ENGLAND POWER POOL Scheduling and Dispatch			\$89,009			\$89,009	\$89,009
THROUGH OR OUT REVENUES		\$0	\$0			\$0	\$0
TOTAL ISO NEW ENGLAND REVENUE	\$0	\$0	\$9,205,604			\$9,205,604	\$9,205,604
LOCAL NETWORK SERVICE REVENUE						\$0	\$0
TOTAL REVENUE RECEIVED	\$616,380	\$281,648	\$9,205,604	\$69,693	\$0	\$10,173,325	\$812,734

Scheduling, System Control and Dispatch Service(Schedule 1)

PROPOSED

Shading denotes an input

		Attachment H		Reference
		Reference	Commonwealth	
		Section:		
I. INVESTMENT BASE				
1	Transmission Plant	I (A)(1)(a)	0	Worksheet 3, line 1 column 5
2	General & Intangible Plant	I (A)(1)(b)	0	Worksheet 3, line 2 column 5
3	Plant Held For Future Use	I (A)(1)(c)	0	Worksheet 3, line 4 column 5
4	Total Plant (Lines 1+2+3)		0	
5	Accumulated Depreciation & Amortization	I (A)(1)(d)	0	Worksheet 3, line 7 column 5
6	Accumulated Deferred Income Taxes	I (A)(1)(e)	0	Worksheet 3, line 10 column 5
7	Loss On Reacquired Debt		0	Worksheet 3, line 11 column 5
8	Other Regulatory Assets	N/A	1,398	Worksheet 3, line 14 column 5
9	Net Investment (Line 4-5-6+7+8)		1,398	
11	Materials & Supplies	I (A)(1)(f)	0	Worksheet 3, line 16 column 5
12	Prepayments	I (A)(1)(g)	23,037	Worksheet 3, line 15 column 5
13	Cash Working Capital	I (A)(1)(h)	34,487	Worksheet 3, line 23 column 5
14	Total Investment Base (Line 9+11+12+13)		58,922	
II. REVENUE REQUIREMENTS				
15	Investment Return and Income Taxes	I (A)(2)	7,514	Worksheet 2
16	Depreciation & Amortization Expense	I (B)	0	Worksheet 4, line 3 column 5
17	Amortization of Loss on Reacquired Debt	N/A	0	Worksheet 4, line 4 column 5
18	Investment Tax Credit	I (C)	0	Worksheet 4, line 5 column 5
19	Property Taxes	I (D)	0	Worksheet 4, line 8 column 5
19.5	Other Taxes (Payroll Taxes Re-Classified)	I (E)	11,974	Worksheet 4, line 15 column 5
20	Operation & Maintenance Expense	I (F)	130,810	Worksheet 4, line 11 column 5
21	Administrative & General Expense	I (G)	145,088	Worksheet 4, line 14 column 5
22	Transmission Related Integrated Facilities Charge	N/A	0	
23	Transmission By Others Expense	I (H)	0	Acct 565 includes HQ AC expenses Worksheet 7
24	Transmission Related Expense from Generators	N/A	0	
25	Transmission Related Taxes and Fees Charge	N/A	0	
26	Transmission Revenue Credits for Network Integr.	II	0	Acct 456 Worksheet 7
27	Trans. Rents Received from Electric Property	N/A	0	
28	RNS & Through or Out Revenues received		(89,009)	
29	Total Dispatch OATT Revenue Requirements (Line 15 thru 28)		\$206,376	
	Present Dispatch OATT Revenue Requirement		\$66,453	= 50% of Account 556
	Difference		\$139,924	

Commonwealth Electric Company (CEC)
Annual Revenue Requirements
for costs in 2004

Shading denotes an input

	CAPITALIZATION 12/31/04	CAPITALIZATION RATIOS	COST OF CAPITAL	COST OF CAPITAL	EQUITY PORTION
LONG-TERM DEBT	\$ 232,706,775	41.18%	4.51%	1.86%	0.00%
PREFERRED STOCK	0	0.00%	0.00%	0.00%	0.00%
COMMON EQUITY	332,452,649	58.82%	11.25%	6.62%	6.62%
TOTAL INVESTMENT RETURN	\$ 565,159,424	100.00%		8.48%	6.62%

Cost of Capital Rate=

(a) Weighted Cost of Capital = 0.0848

(b) Federal Income Tax =
$$\left(\frac{\text{R.O.E.} + \left(\frac{\text{Inv. (Tax Credit) + Eq. AFUDC of Deprec. Exp.}}{\text{Inv. Base}} \right)}{1} \right) \times \frac{\text{Federal Income Tax Rate}}{\text{Federal Income Tax Rate}}$$

=
$$\left(\frac{0.0662 + \left(\frac{0 + 0}{58,922} \right)}{1} \right) \times \frac{0.35}{0.35}$$

= 0.0356462

(c) State Income Tax =
$$\left(\frac{\text{R.O.E.} + \left(\frac{\text{Inv. (Tax Credit) + Eq. AFUDC of Deprec. Exp.}}{\text{Inv. Base}} \right)}{1} \right) + \frac{\text{Federal Income Tax}}{\text{State Income Tax Rate}} \times \text{State Income Tax Rate}$$

=
$$\left(\frac{0.0662 + \left(\frac{0 + 0}{58,922} \right)}{1} \right) + \frac{0.0356462}{0.065} \times 0.065$$

= 0.0070802

(a)+(b)+(c) Cost of Capital Rate = 0.1275264

	(LNS)
INVESTMENT BASE	\$ 58,922
x Cost of Capital Rate	0.1275264
= Investment Return and Income Taxes	<u>7,514</u>

Worksheet 3a

Shading denotes an input

	(1) Total	(2) Wage/Plant Allocation Factors	(3) = (1)*(2) Transmission Allocated	(4) LNS Allocation Factor (b)	(5) = (3)*(4) LNS Allocated	FERC Form 1 Reference for col (1)
<u>Transmission Plant</u>						
Transmission Plant	0		0		0 (d)	Page 207.58(g)
General Plant	0	0.5008% (a)	0	0.0000%	0	Page 207.90(g)
Intangible Plant (changed)	0	0.5008% (a)	0	0.0000%	0	Page 205.5(g)
Total (lines 1-3)			<u>0</u>		<u>0</u>	
<u>Transmission Plant Held for Future Use</u>	0		0	0.0000%	<u>0</u>	Page 214 and fixed capita
<u>Transmission Accumulated Depreciation</u>						
Transmission Accum. Depreciation	0		0	0.0000%	0	Page 219.25b
General Plant Accum. Depreciation	0	0.5008% (a)	0	0.0000%	0	Page 219.27b
Intangible Plant Accum Amort	0	0.5008% (a)	0	0.0000%	0	Page 200.21b
Total (lines 6-8)			<u>0</u>		<u>0</u>	
<u>Transmission Accumulated Deferred Taxes</u>						
Accumulated Deferred Taxes (281)	0			0.0000%		Page 273.8(k)
Accumulated Deferred Taxes (282)	83,220,641	0.0000% (c)	0	0.0000%	0	Page 275.2(k)
Accumulated Deferred Taxes (283)	67,940,043	0.0000%	0	0.0000%	0	Page 450.1 (detail)
Accumulated Deferred Taxes (190)	(10,867,359)	0.0000%	0	0.0000%	0	Page 234 @ detail
Total (line 10-13)			<u>0</u>		<u>0</u>	
<u>Transmission loss on Reacq. Debt (189)</u>	0	0.0000% (c)	0	0.0000%	<u>0</u>	
<u>Other Regulatory Assets/Liabilities</u>						
FAS 106 (182.3&254) changed	279,190	0.5008% (a)	1,398	100.0000%	1,398	Page 232 (182.50)
FAS 109 (182.3 & 254)	(841,992)	0.0000% (c)	0	0.0000%	0	Page 232 or Pg 254
Total (line 12+13+13.5)	<u>(562,802)</u>		<u>1,398</u>	0.0000%	<u>1,398</u>	
<u>Transmission Prepayments</u>	4,600,120	0.5008% (a)	23,037	100.0000%	<u>23,037</u>	Page 110.46(d)
<u>Transmission Materials and Supplies</u>	263,416		263,416	0.0000%	<u>0</u>	Page 227.8(c)
<u>Cash Working Capital</u>						
Operation & Maintenance Expense					130,810	Worksheet 1, Line 20
Administrative & General Expense					145,088	Worksheet 1, Line 21
Transmission Support Expense					0	Worksheet 1, Line 24
Subtotal (line 18+19+20)					<u>275,898</u>	
Total (line 21 * line 22)					<u>0.125</u>	x 45 / 360
					<u>34,487</u>	

- (a) Worksheet 5 of 8, line 11
(b) Worksheet 5 of 8, line 3
(c) Worksheet 5 of 8, line 14
(d) LNS Facilities

<u>Account 190</u>					
<u>Account 190 - Non-Property</u>					
Uncollectible accounts	960,078	0.0000%	0	100.0000%	0
Sales taxes	66,785	0.0000%	0	100.0000%	0
Demand side management	38,400	0.0000%	0	100.0000%	0
Waste cleanup			0	100.0000%	0
Self insurance	539,344	0.0000%	0	100.0000%	0
Storm contingency			0	100.0000%	0
Provision for rate refund	399,793	0.0000%	0	100.0000%	0
Clean air allowances			0	100.0000%	0
Pension costs	1,497,274	0.0000%	0	100.0000%	0
Amended returns	1,440,546	0.0000%	0	100.0000%	0
Regulatory assets	5,515,902		0	100.0000%	0
Other	409,237	0.0000%	0	100.0000%	0
	<u>10,867,359</u>		<u>0</u>		<u>0</u>

<u>Account 283 - Non-Property</u>					
Property tax			0		
Cost to achieve	(5,224,882)	0	0	100.0000%	0
Deferrals of power costs	(55,009,280)	0	0	100.0000%	0
Post retire benefit costs	(6,730,906)	0.0000%	0	100.0000%	0
Pension costs			0	100.0000%	0
Bond redemption call premiums			0	100.0000%	0
Interest capitalized			0	100.0000%	0
Carryback refund			0	100.0000%	0
Other	(974,975)	0.0000%	0	100.0000%	0
	<u>(67,940,043)</u>	<u>0</u>	<u>0</u>		<u>0</u>

Sheet: Worksheet 4a

Worksheet 4a of 3

Shading denotes an input

Lin : N)	(1) Total	(2) Wage/Plant Allocation Factors	(3) = (1)*(2) Transmission Allocated	(4) LNS Allocation Factor (b)	(5) = (3)*(4) LNS Allocated	FERC Form 1 Reference for col (1)
<u>Need Input from GEOFF</u>						
<u>Depreciation Expense</u>						
1	0		0	0.0000%	0	Page 336.7b
2	0	0.5008% (a)	0	0.0000%	0	Page 336.9b
3	0	0.5008% (a)	0	0.0000%	0	Page 336.9b
4			0		0	
						Note: Inclusion of Acct 404 and 405
5	0	0.0000% (c)	0	0.0000%	0	Page 117.60d
6	0	0.0000% (c)	0	0.0000%	0	Page 266.8f
<u>Property Taxes</u>						
7	0	0.0000%	0	0.0000%	0	Page 263.6i
8	0	0.5008% (a)	0	0.0000%	0	
9			0		0	
<u>Transmission Operation and Maintenance</u>						
10	0		0	0.0000%	0	Page 321.100b
	130,810		130,810	100.0000%	130,810	
11	0		0	0.0000%	0	
12	0		0	0.0000%	0	
13	0		0	0.0000%	0	
14	0		0	0.0000%	0	
15	0		0	0.0000%	0	
16	0		0	0.0000%	0	Page 321.88b
17	0		0	0.0000%	0	
18	130,810		130,810	0.0000%	130,810	
<u>Transmission Administrative and General</u>						
19	30,611,486					Page 323.168b
20	(86,596)					
21	(1,181,769)					
22	(371,868)					Page 323.162b
23	28,971,253	0.5008%	145,088	100.0000%	145,088	change
24	86,596	0.0000%	0	0.0000%	0	
25	396,007	100.0000%	396,007	0.0000%	0	
26	0	100.0000%	0	0.0000%	0	
27	0	100.0000%	0	0.0000%	0	
28	32,165,124		541,095		145,088	
29	2,390,947	0.5008%	11,974	100.0000%	11,974	Footnote (a)

(a) Payroll taxes FERC Form 1, page 263.i ,263.1i

Federal Unemployment	0
FICA	0
Medicare	0
State Unemployment	0
Environmental	0
State Universal Health	0
Services Co. Allocation & A&G Capit.	2,390,947
	0
Total	2,390,947

Shading denotes an input

Line No.			FERC Form 1 Reference
	Plant Investments reflect Beginning and Year end Averages		
	<u>LNS Transmission Plant Allocation Factor</u>	<u>Commonwealth</u>	
1	Transmission Investment	0	Page 207.58(g)
	plus Distribution Investment Categorized as Transmission	0	
1a		0	
2	Transmission Investment	0	Page 207.58(g)
	plus Distribution Investment Categorized as Transmission	0	
2a		0	
3	Percent Allocation (line 1a/2a)	0.0000%	
	<u>Transmission Wages and Salaries Allocation Factor</u>		
4	Direct Transmission Wages and Salaries less 561 labor	130,810	Page 354.19b
5	Affiliated Company Transmission Wages and Salaries	0	Worksheet 6 of 8
6	Total Transmission Wages and Salaries (line 4+ 5)	130,810	
7	Total Wages and Salaries	33,633,965	Page 354.25b +line 5
8	Administrative and General Wages and Salaries	7,513,251	Page 354.24b
9	Affiliated Company Wages and Salaries less A&G	0	Worksheet 6 of 8
10	Total Wages and Salaries net of A&G (line 7 - 8 + 9)	26,120,714	
11	Percent Allocation (line 6/10)	0.5008%	
	<u>Plant Allocation Factor</u>		
12	Total Transmission Investment	0	Page 207.53
	plus Trans.-Related General & Int. Plant (Line 2 of Wkst. 3)	0	Worksheet 3, Line 11& 12
12 Rev	= Revised Numerator	0	
13	Total Plant in Service (INCLUDING General Plant)	756,529,820	Page 207.88
14	Percent Allocation (line 12 Rev / 13)	0.0000%	

Affiliated Company Wages and Salaries Page 37 of 37

Shading denotes an input

<u>Line</u>		<u>Commonwealth</u>	<u>#REF!</u>	<u>#REF!</u>
"Affiliated" Transmission Wages and Salaries				
#560 - 573				
1	560	0	0	0
2	562	0	0	0
3	564	0	0	0
4	566	0	0	0
5	568	0	0	0
6	569	0	0	0
7	570	0	0	0
8	571	0	0	0
9	572	0	0	0
10	573	0	0	0
11 = 1 thru 10	Total Transmission	<u>0</u>	<u>0</u>	<u>0</u>
12 = Total "Affiliated" Wages and Salaries		<u>0</u>	<u>0</u>	<u>0</u>
Less "Affiliated" Administrative and General Salaries				
#920 - 935				
13	920	0	0	0
14	921	0	0	0
15	923	0	0	0
16	925	0	0	0
17	926	0	0	0
18	928	0	0	0
19	930	0	0	0
20	935	0	0	0
21 = 13 thru 20		<u>0</u>	<u>0</u>	<u>0</u>
22 = 12 less 21	Total "Affiliated" less A&G	<u>0</u>	<u>0</u>	<u>0</u>

Information Request AG-3-2

Please provide copies of the following documents for Cambridge Electric Light Company and Commonwealth Electric Company:

- (1) Annual Returns to the Department for 2003 and 2004;
- (2) FERC Forms 1 for 2003 and 2004; and
- (3) SEC Forms 10-K for 2003 and 2004.

Response

[BULK ATTACHMENTS]

Please refer to the following attachments for the indicated data.

Attachment AG-3-2(a)	Cambridge 2003 Form 1 (Including Annual Return to the Department)
Attachment AG-3-2(b)	Cambridge 2004 Form 1 (Including Annual Return to the Department)
Attachment AG-3-2(c)	Commonwealth 2003 Form 1 (Including Annual Return to the Department)
Attachment AG-3-2(d)	Commonwealth 2004 Form 1 (Including Annual Return to the Department)

Cambridge and Commonwealth are not required to file SEC Form 10K.